ORDER NO. AED9912017

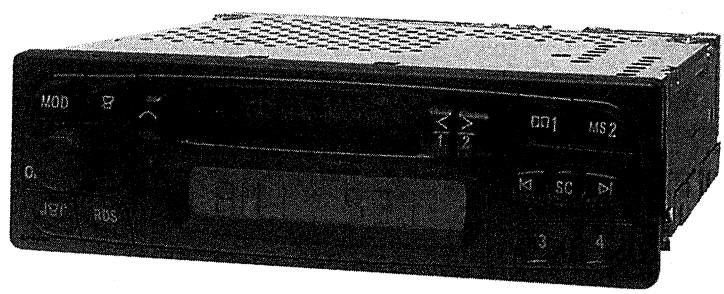
Service Manual

AUTOMOTIVE ELECTRONICS

Mercedes-Benz

VEHICLE	DESTINATION	PRODUCED AFTER	MERCEDES-BENZ PART NO.	MATUSHITA MODEL NO.
Mercedes-Benz	Europe	Dec., 1999	A 168 820 0179	CQ-LP3920L
Mercedes-Benz	Europe	Dec., 1999	LB6 782 3411	CQ-LP3920F

AM/FM MPX ELECTRONIC TUNING RADIO
with Stereo Cassette Tape Player



Dolby noise reduction manufactured under license from Dolby Laboratories Licensing Corporation.
"DOLBY" and the double-D symbol ⧈ are trade marks of Dolby Laboratories Licensing Corporation.

SPECIFICATIONS*

Power Supply : DC 12V Negative Ground, Test Voltage 13.2V
Current Consumption : Less than 2.0A
Maximum Power Output : 15W×4ch

AM Radio

Frequency Range :	531kHz~1,620 kHz
Usable Sensitivity :	25dB (μV)
Seek Selectivity :	30dB (μV)

FM Radio

Frequency Range :	87.5~108.0 MHZ
Stereo Spearation :	39dB
Usable Selectivity :	8dB (μV)
Seek Sensitivity :	28dB (μV)

Tape Player ***

Reproduction System :	4-Track, 2-Program Stereo
Tape Speed :	1-7/8" (4.76 cm/sec)
Wow and Flutter :	0.5% (WRMS)
Stereo Separation :	60dB
S/N :	55dB

Dimensions ** :	178 mm×160mm×50mm
Weight ** :	1.4 kg

*Specifications subject to change without notice.
**Dimensions and Weight shown are approximate.
***C-120 tape is not recommended to use.

Panasonic

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⚠WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced proffesional technicians. Any attempt to service or repair the product or producs dealt with in this service information by anyone else could result in serious injury or death.

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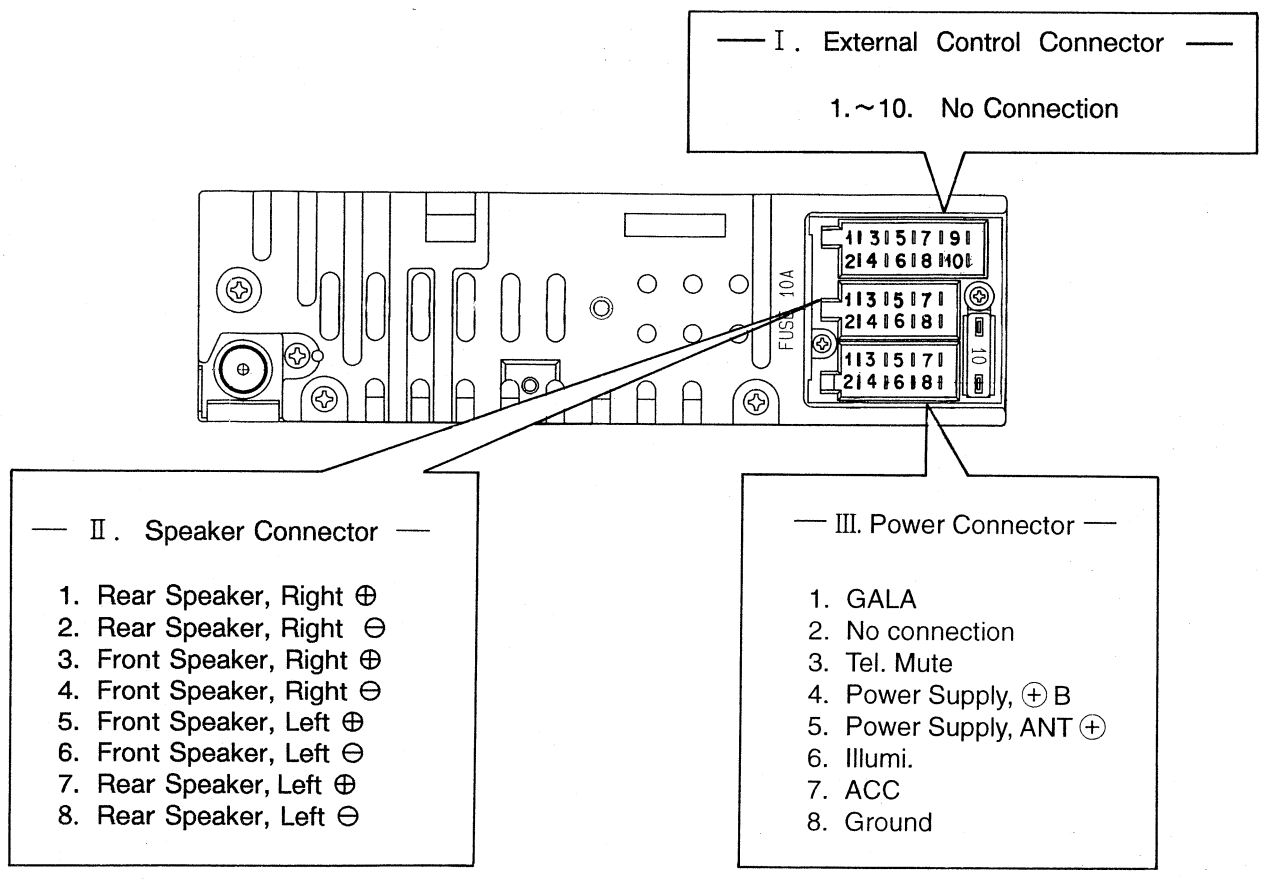
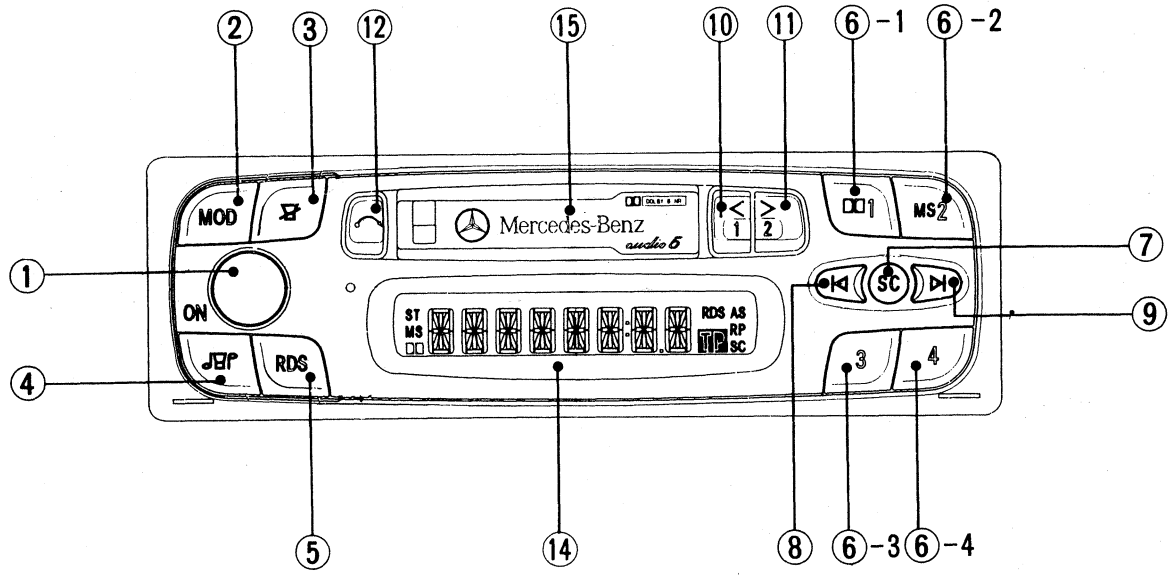
FEATURES

- PLL (Phase Locked Loop)Synthesized Tuning.
- 20-Stations Preset
  (4-FM1, 4-FM2, 4-FM3, 4-AM1, 4-AM2).
- RDS receive function.
- Dolby B NR function.
- Electronic audio control.
- GAL function.

REAR VIEW AND CONNECTORS

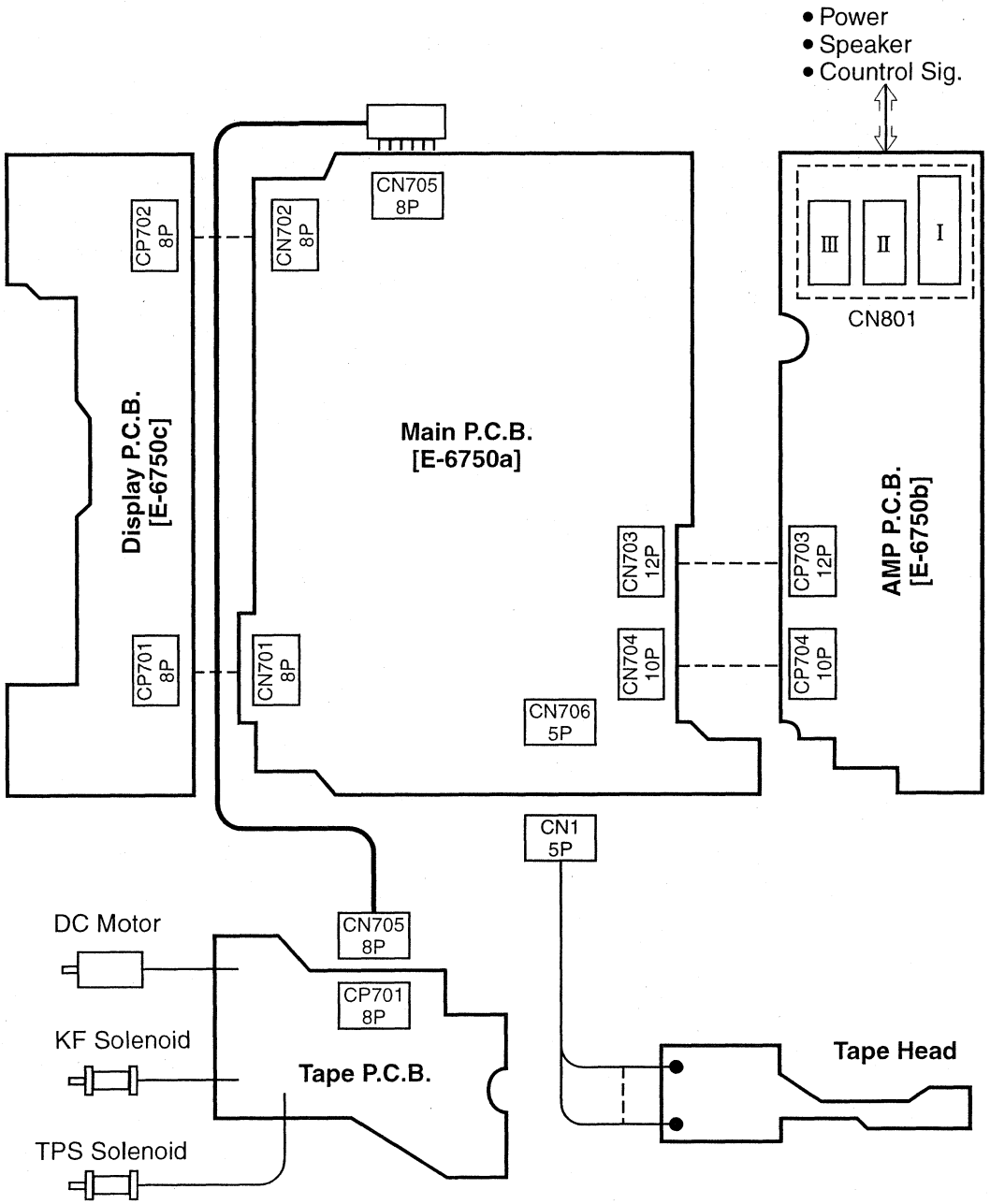

— I. External Control Connector —
1.～10. No Connection
FUSE 10A
— II. Speaker Connector —
1. Rear Speaker, Right ⊕
2. Rear Speaker, Right ⊖
3. Front Speaker, Right ⊕
4. Front Speaker, Right ⊖
5. Front Speaker, Left ⊕
6. Front Speaker, Left ⊖
7. Rear Speaker, Left ⊕
8. Rear Speaker, Left ⊖
— III. Power Connector —
1. GALA
2. No connection
3. Tel. Mute
4. Power Supply, ⊕B
5. Power Supply, ANT ⊕
6. Illumi.
7. ACC
8. Ground

NAME AND FUNCTION OF EACH PARTS

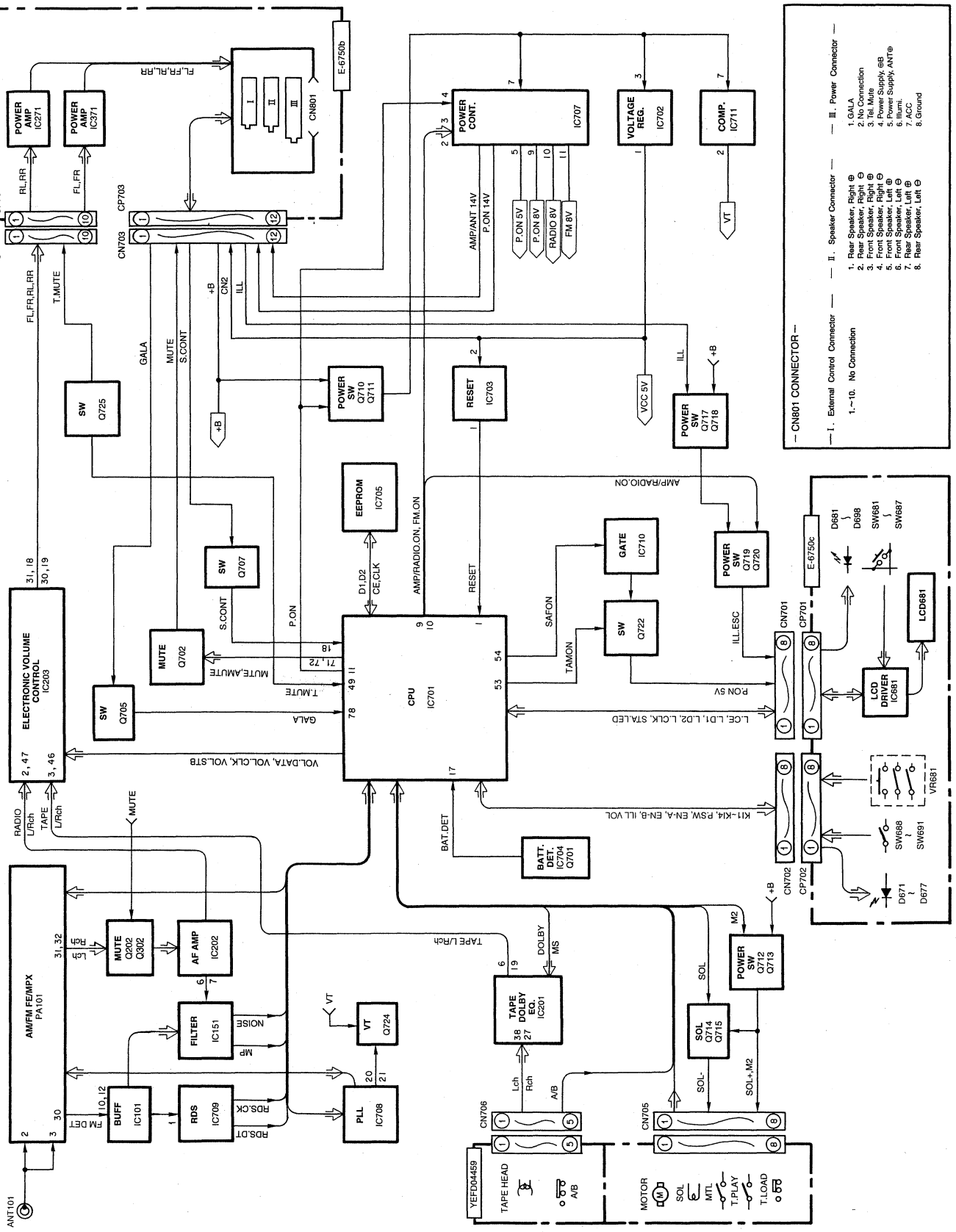


①	ON	: Power ON/OFF. : Increase/Decrease of volume. : Audio adjustment.
②	MOD	: FM/AM/CC mode selection.
③		: RDS-TP, RDS-TA mode selection.
④		: Audio adjustment mode selection.
⑤	RDS	: RDS mode selection.
⑥	1～4	: Radio frequency preset/call. : Security code input.
⑥-1		: Dolby B NR ON/OFF. : Audio adjustment level memories. (USER1)
⑥-2	MS	: Tape skip blank. : Audio adjustment level memories. : (USER2)
⑦	SC	: Radio scan tuning. : Determination of security code.
⑧		: Radio frequency down. : Downward seeking. : Determination of security code.
⑨		: Radio frequency up. : Upward seeking. : Determination of security code.
⑩	<	: Tape rewind.
⑪	>	: Tape fast-forward.
⑫		: Tape eject.
⑭		: LCD display.
⑮		: Cassette slot.

WIRING CONNECTION

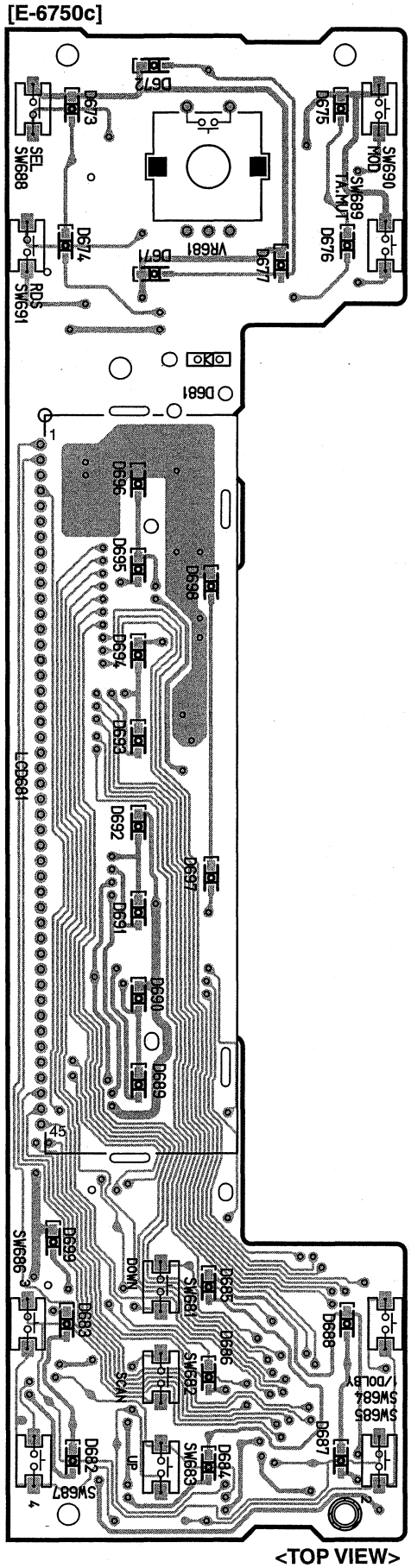


BLOCK DIAGRAM MODELS CQ-LP3920L/F

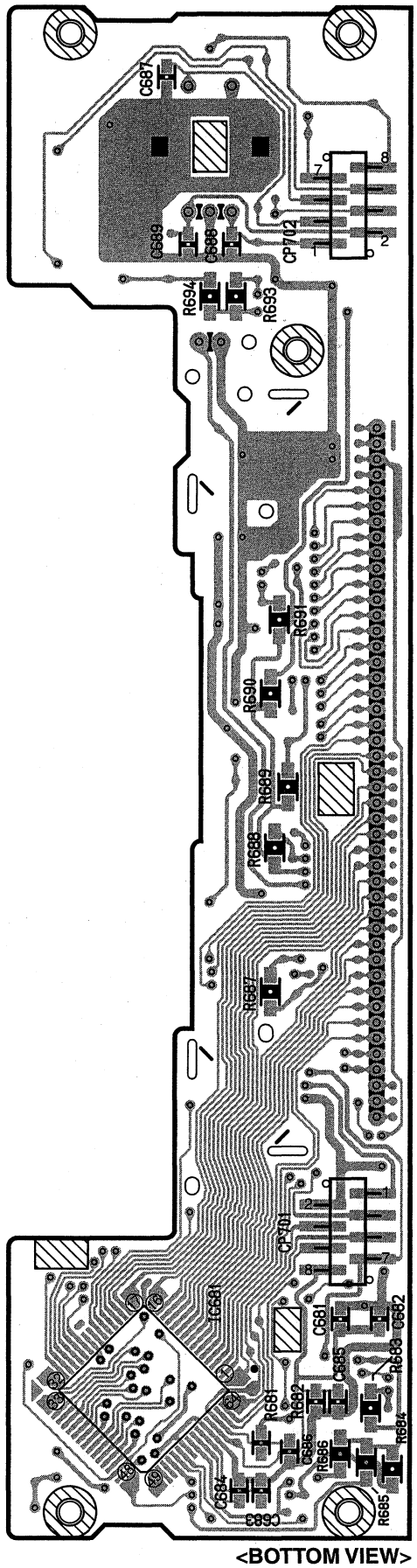


WIRING DIAGRAM (Display Block) MODELS CQ-LP3920L/F

[E-6750c]



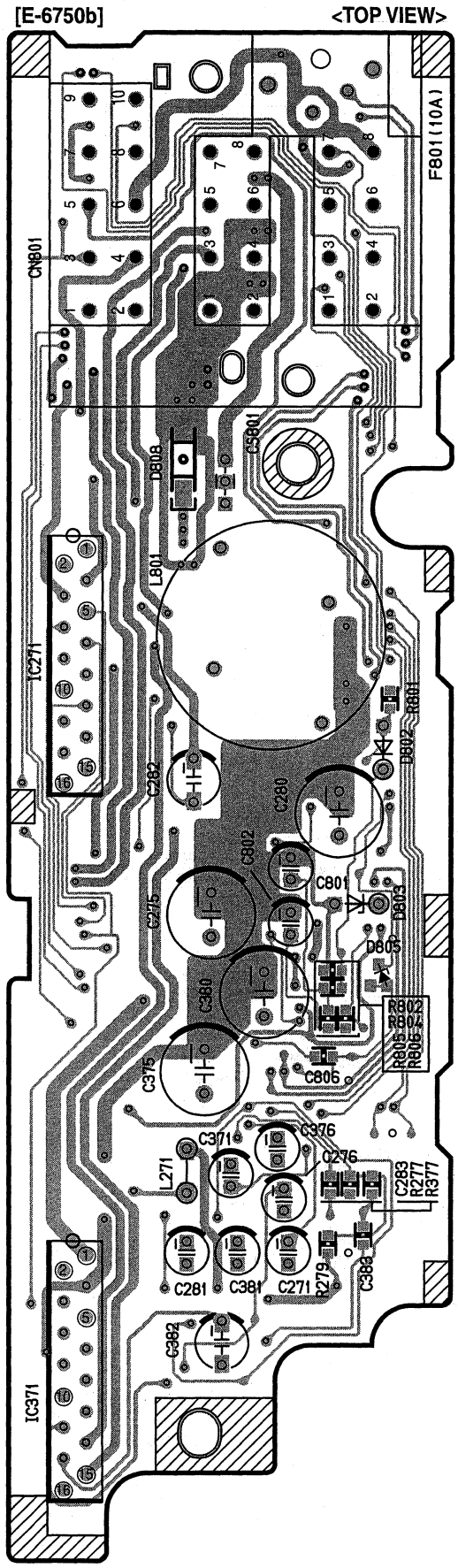
<TOP VIEW>

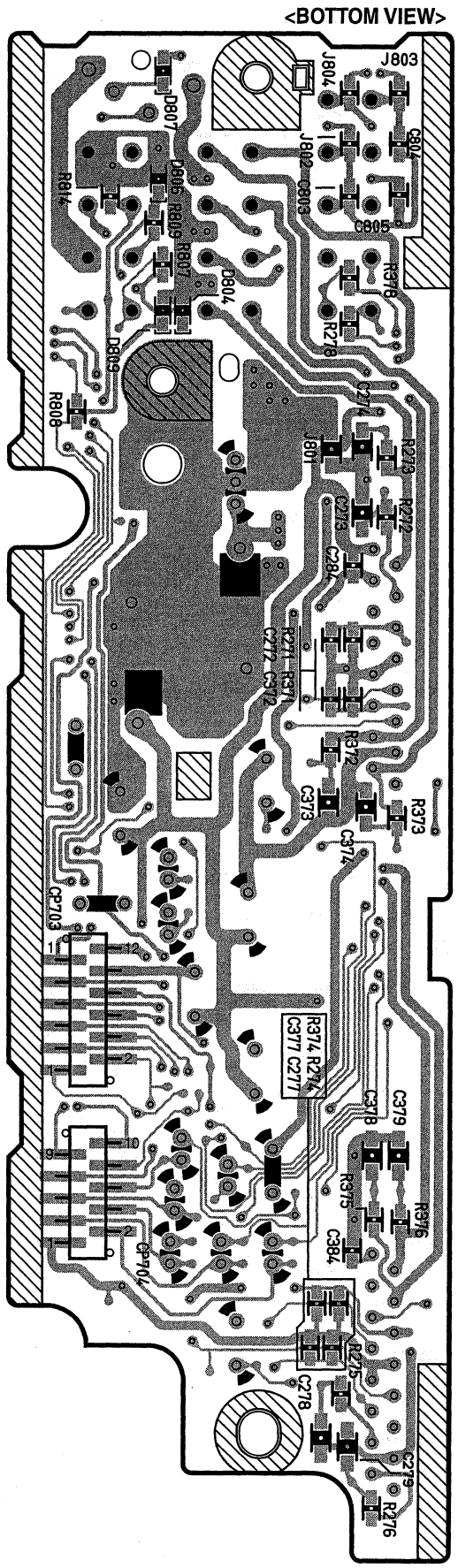


<BOTTOM VIEW>

WIRING DIAGRAM (AMP Block) MODELS CQ-LP3920L/F

[E-6750b]

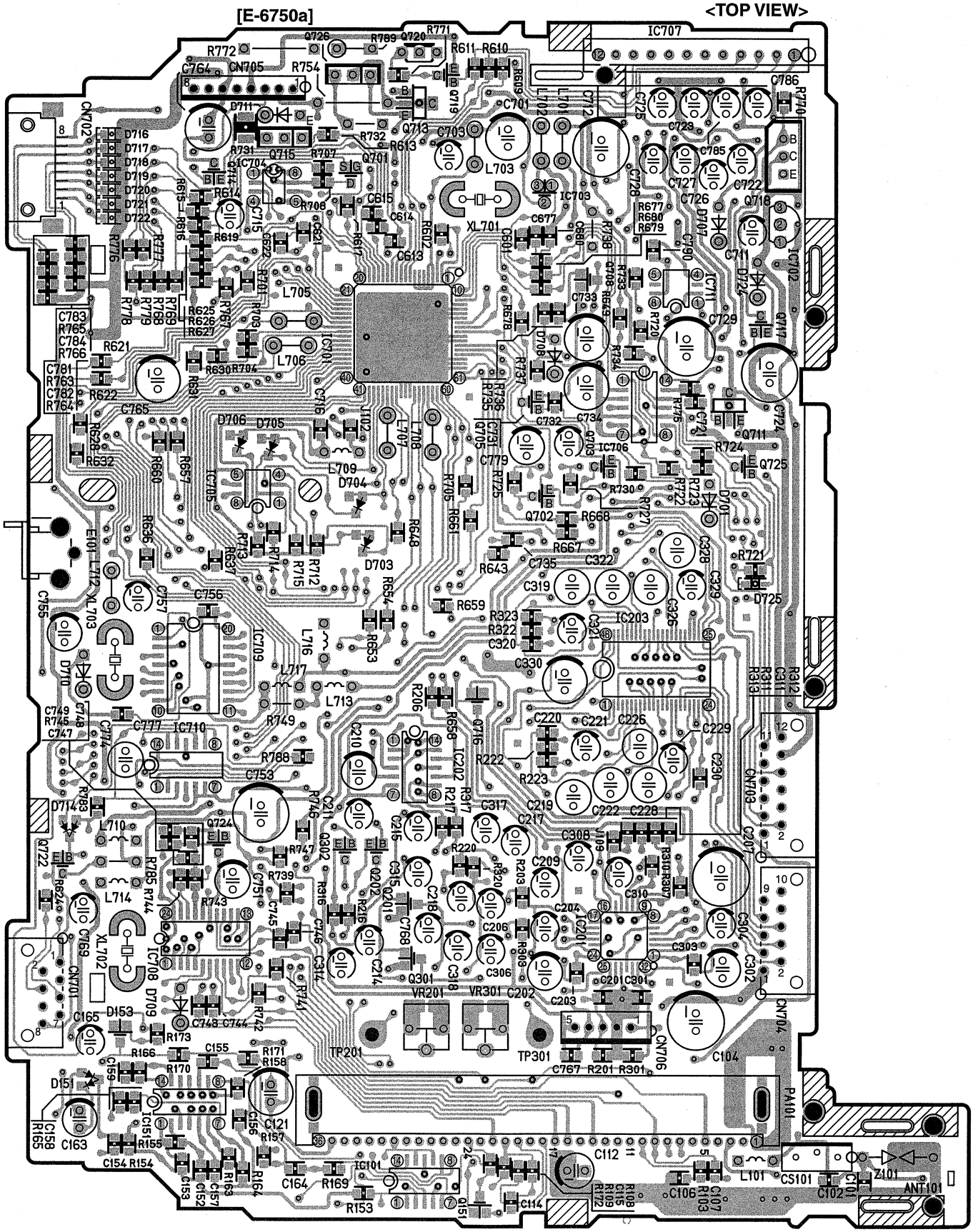




WIRING DIAGRAM (Main Block:Top View) MODELS CQ-LP3920L/F

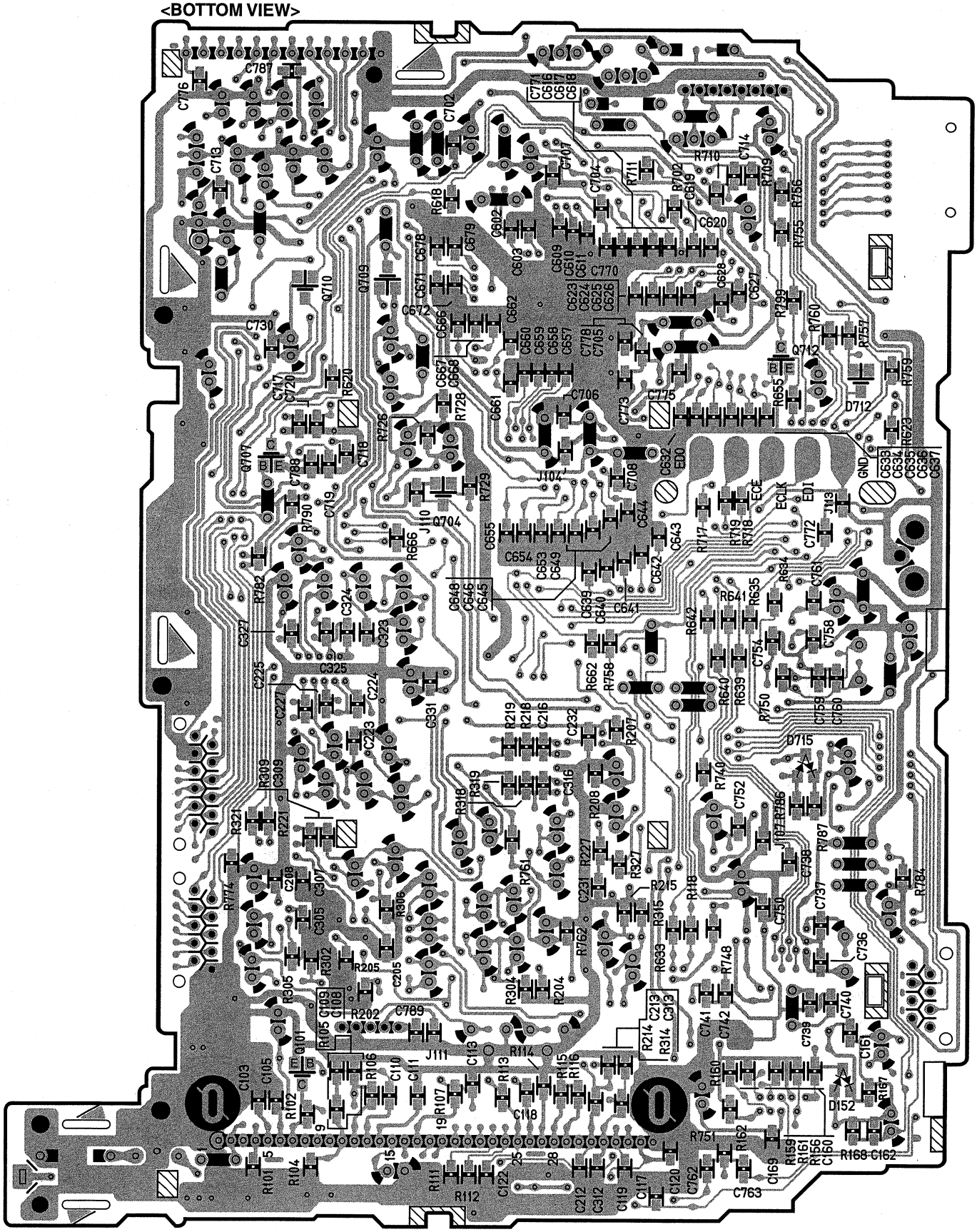
[E-6750a]

<TOP VIEW>

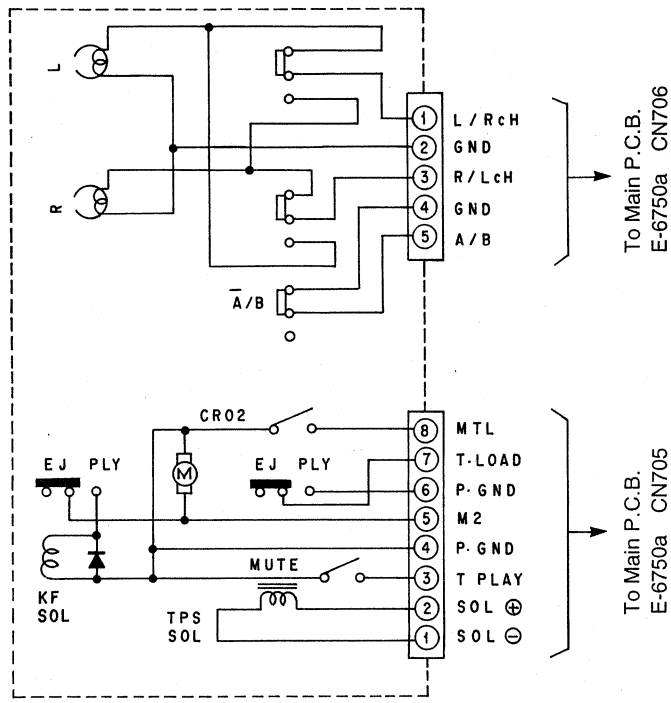


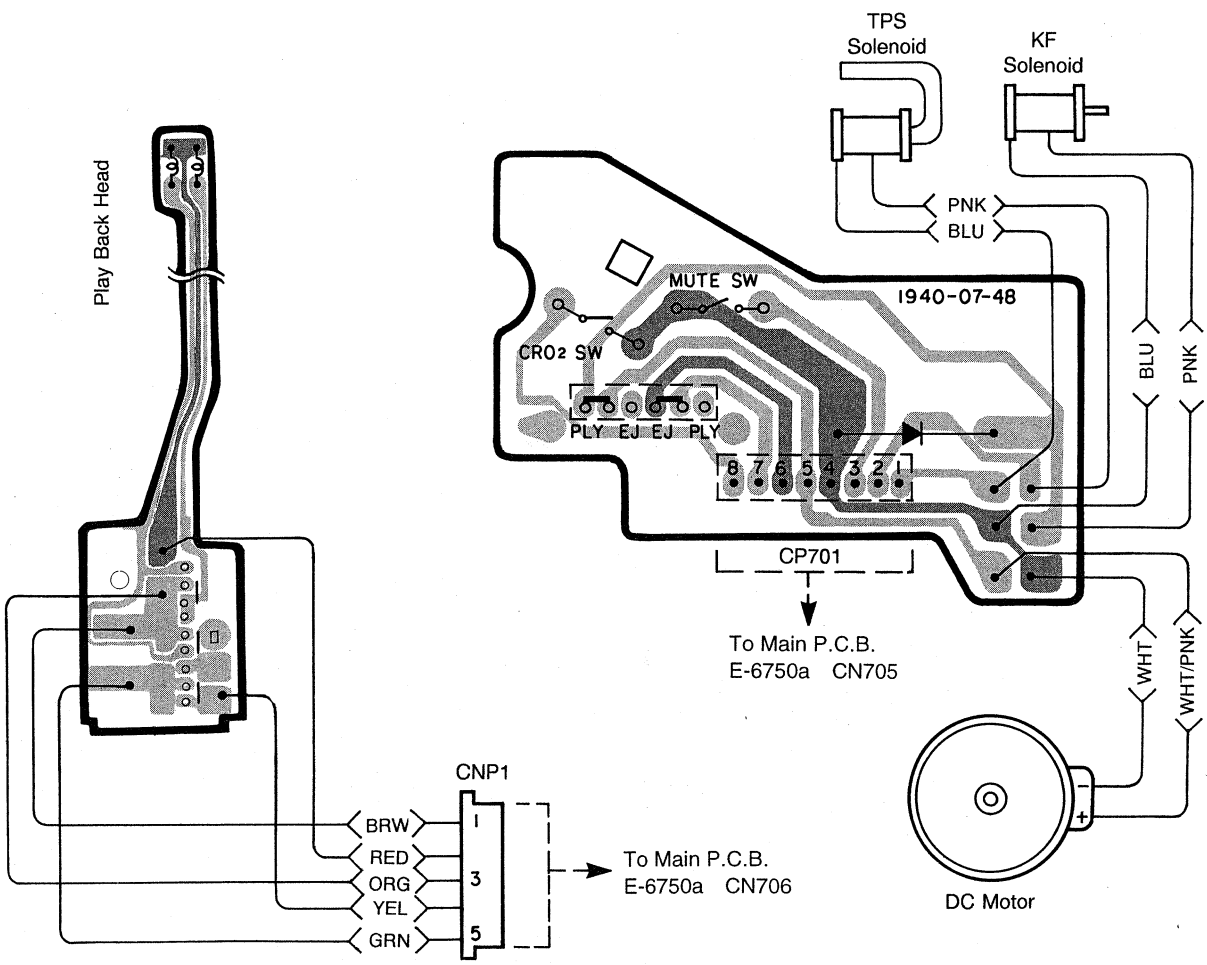
WIRING DIAGRAM (Main Block:Bottom View) MODELS CQ-LP3920L/F

<BOTTOM VIEW>

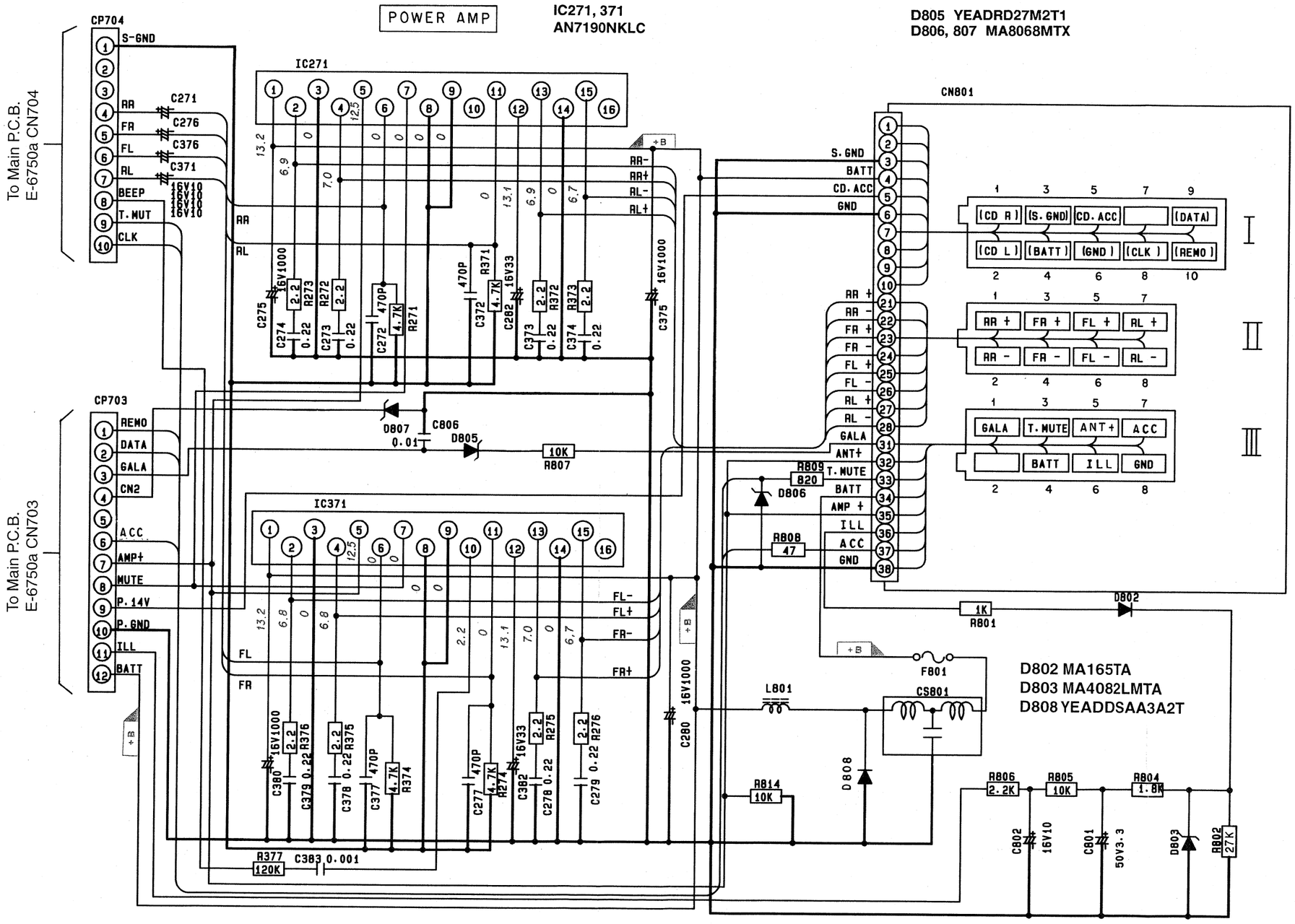


SCHEMATIC / WIRING DIAGRAM (Tape Block) MODELS CQ-LP3920L/F

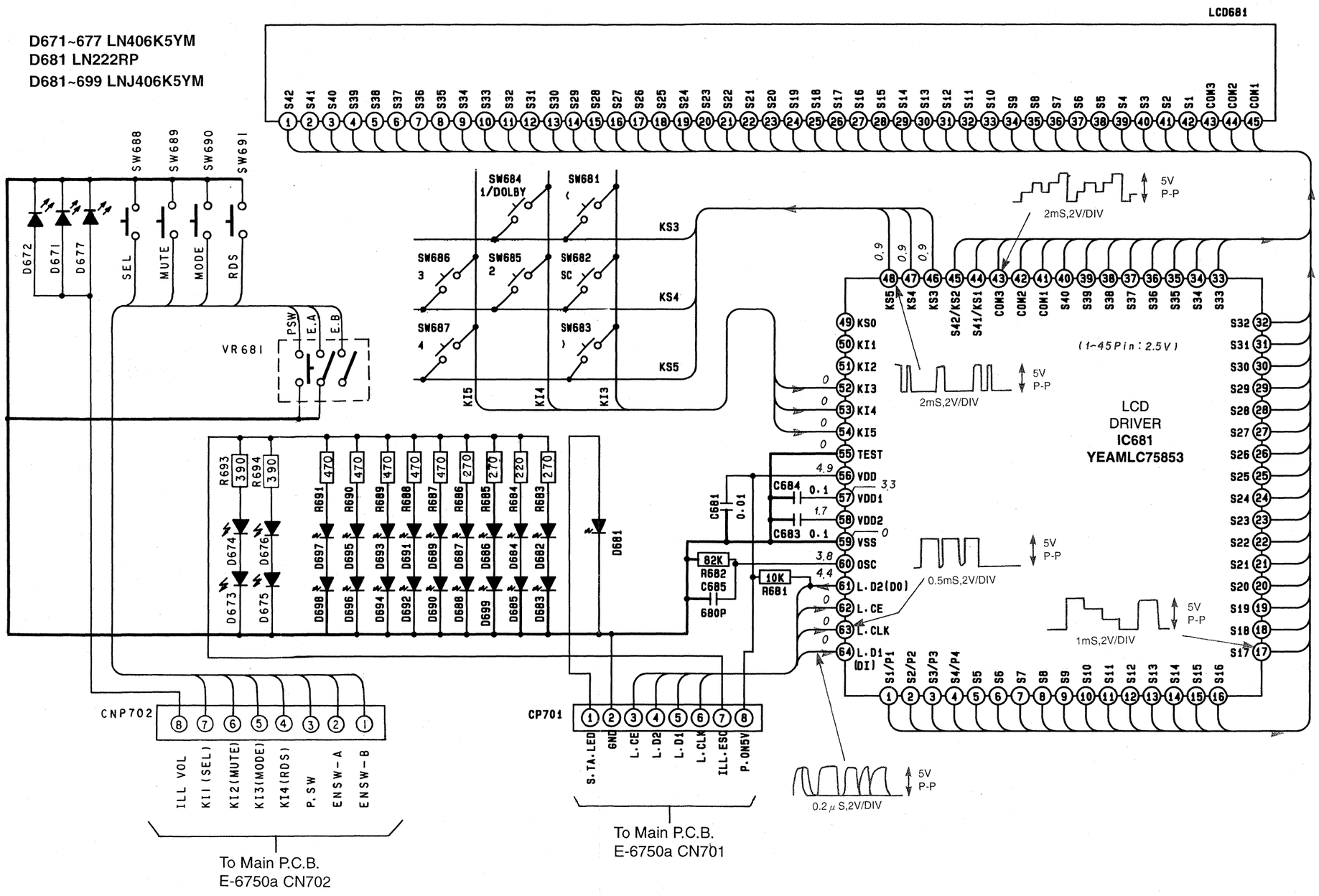




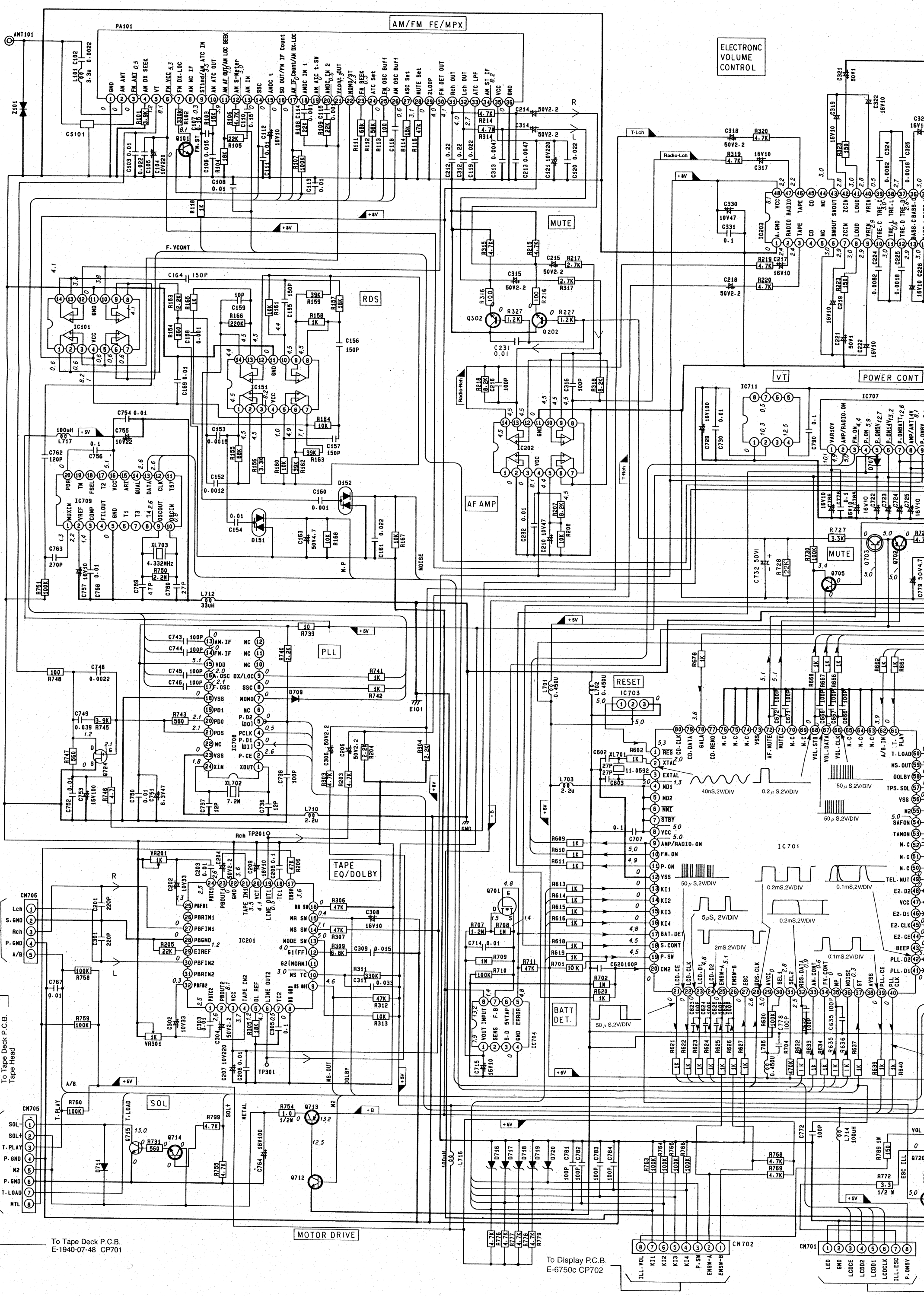
SCHEMATIC DIAGRAM (AMP Block) MODELS CQ-LP3920L/F



SCHEMATIC DIAGRAM (Display Block) MODELS CQ-LP3920L/F



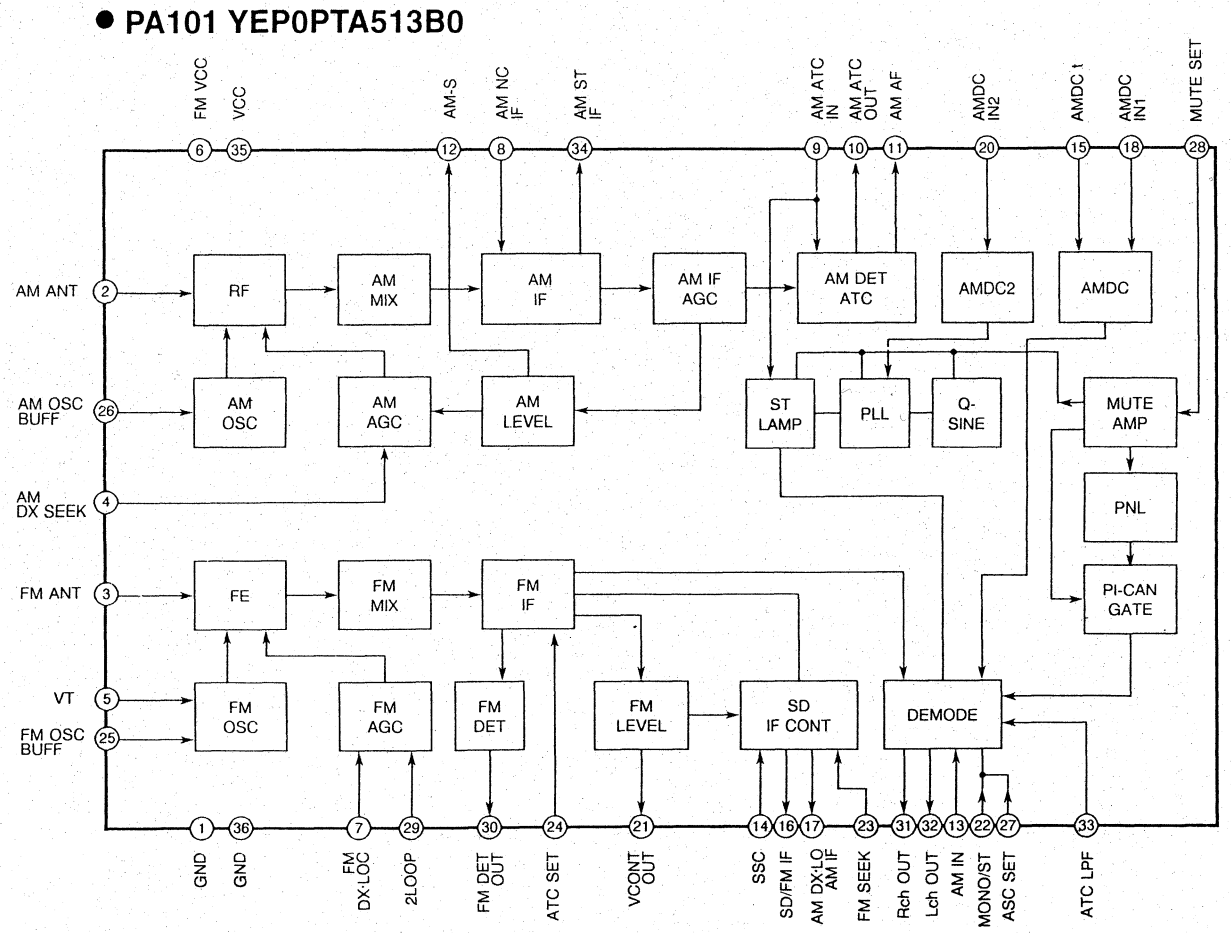
SCHEMATIC DIAGRAM (Main Block) MODELS CQ-LP3920L/F



IC101	AN6564NST1	D151, 152	MA153TX
IC151	C0ABCB000005	D701	MAZ40680GF
IC201	YEAMCX1980QK	D703 to 706	MA151KTX
IC202	C0ABCB000005	D707, 709	MA165TA
IC203	YEAMSN761026	D711	YEAD11ES2T
IC701	C2BBHF000051	D714	MA151WKTX
IC702	YEAM2950Z5T	D715	MA153TX
IC703	MN1382QTX	D724	MA165TA
IC704	YEAM2951MT		
IC705	YEAM93C46EMX		
IC707	YEAMBA4900V3		
IC708	YEAMLC72146T		
IC709	YEAMDA7331D		
IC710	C0JBAD000030		
IC711	YEAMLA5010M		
PA101	YEP0PTA513B0		
Q101	B1GBCFNN0005		
Q202	YEANC3661TA		
Q302	YEANC3661TA		
Q701	YEAN2SK1133T		
Q702	YEANA114EKTX		
Q703	YEANA114EKTX		
Q705, 707	B1GBCFNN0005		
Q710	YEANC114EKTX		
Q711	YEANHQ1F3PT1		
Q712	YEANC114EKTX		
Q713	YEANHQ1F3PT1		
Q714	B1ABCF000044		
Q715	2SD2249QRTA		
Q717	B1ABCF000044		
Q718	YEAN2SA1327		
Q719	YEANC114EKTX		
Q720	YEANBP1F3PT		
Q722	B1ABCF000044		
Q724	YEAN2SK536TB		
Q725	B1GBCFNN0005		

PACKAGE AND IC BLOCK DIAGRAM

● PA101 YEP0PTA513B0



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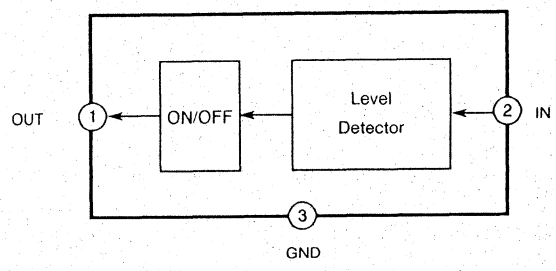
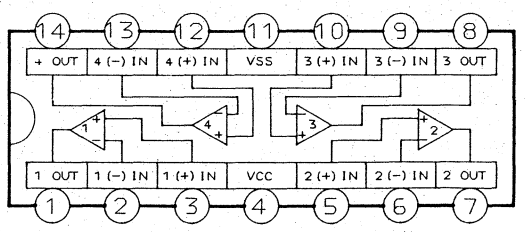
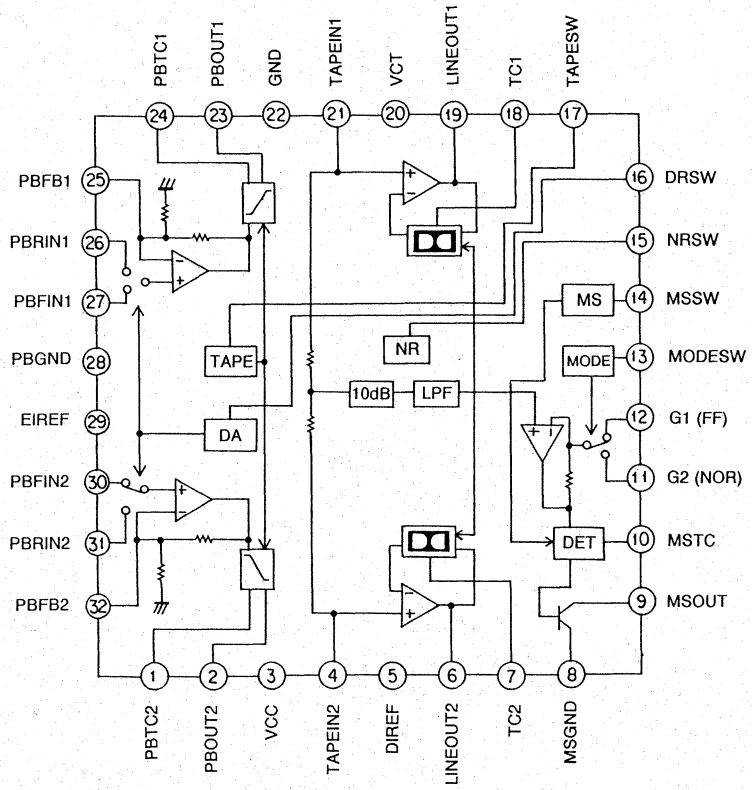


● IC101 AN6564NST1

● IC151,202 C0ABCB000005



● IC201 YEAMCX1980QK



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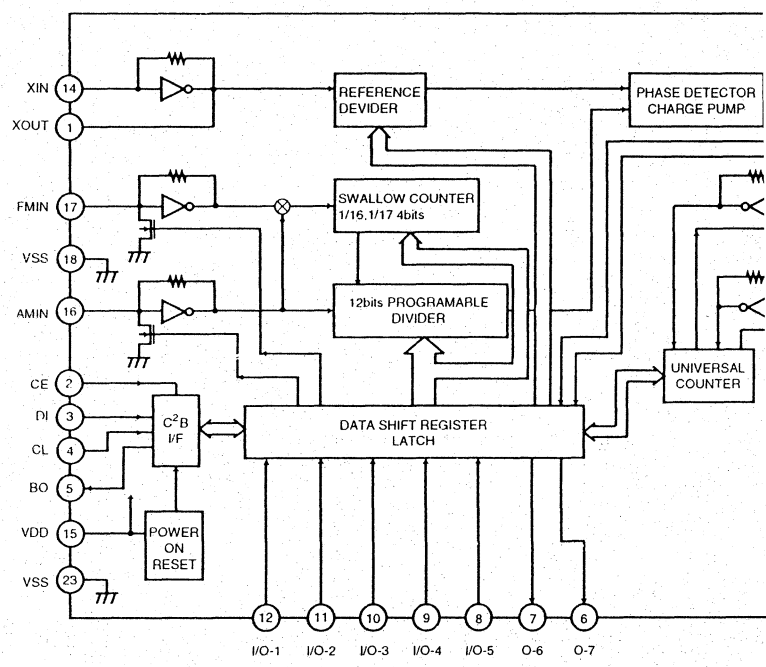

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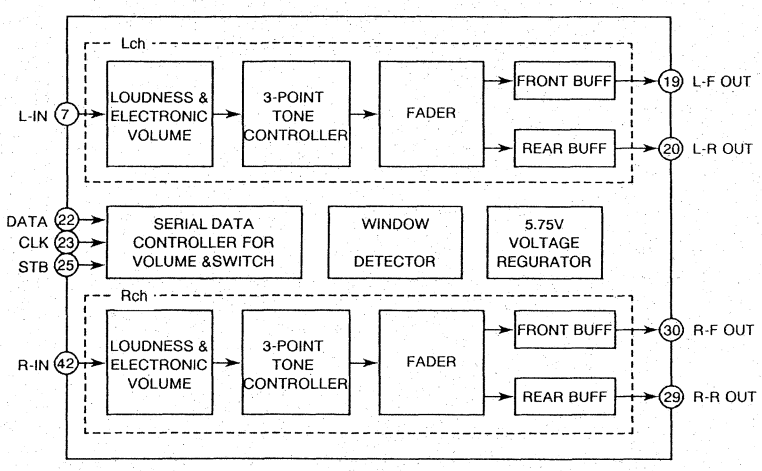

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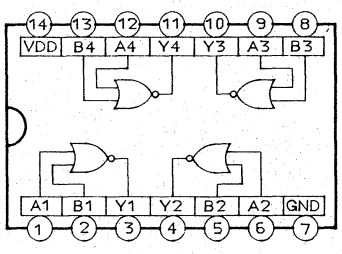
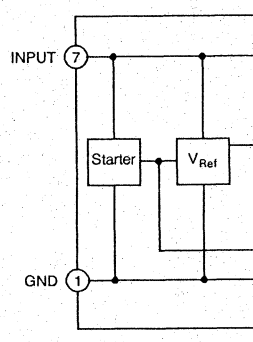
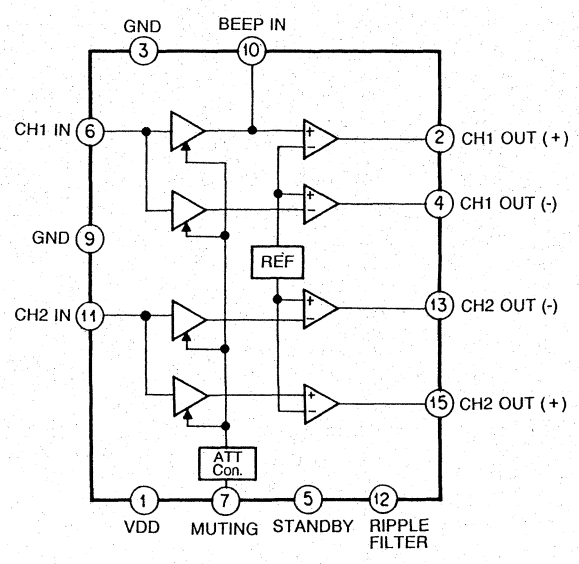


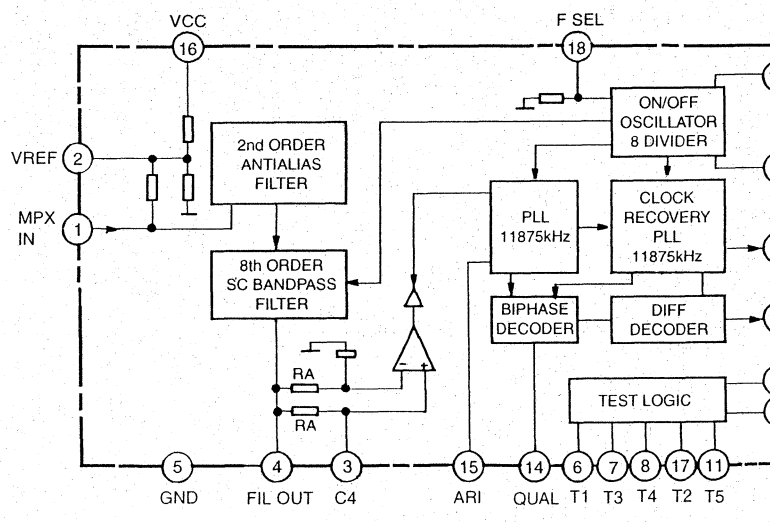
● IC711 YEAMLA5(



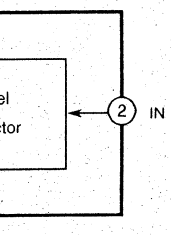
● IC271, 371 AN7190NKLC



● IC709 YEAMDA7331D



QTX



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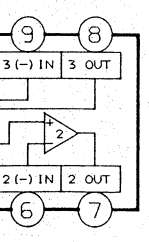

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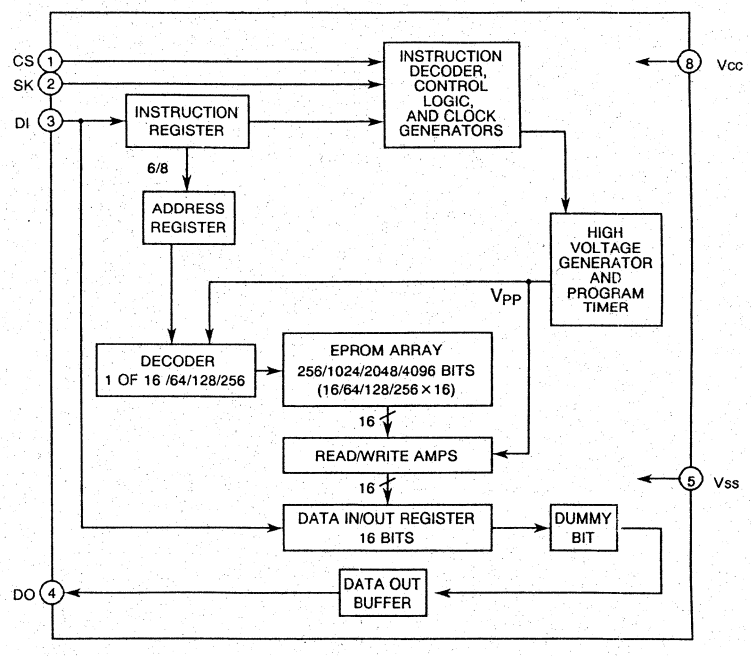

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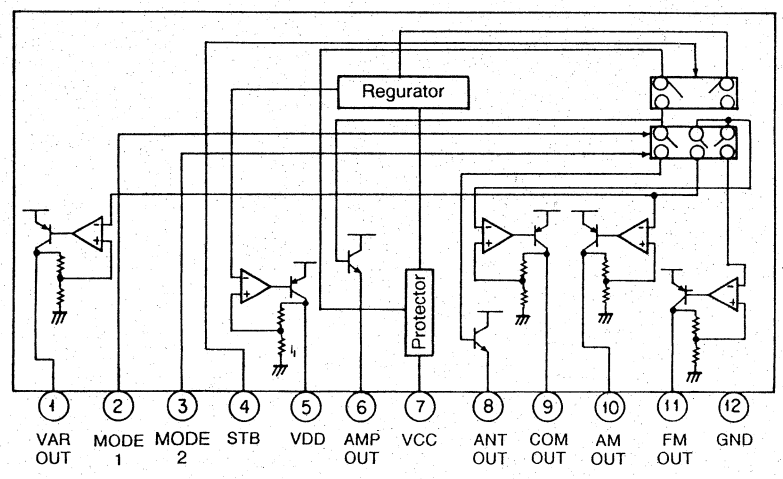
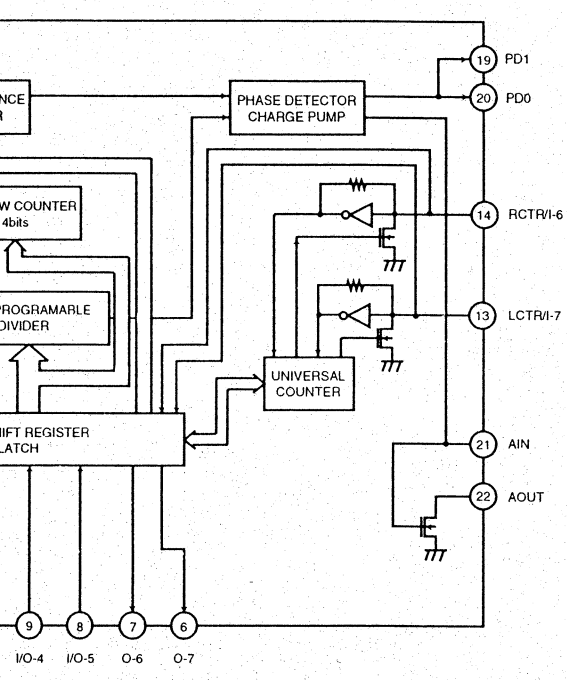


46T



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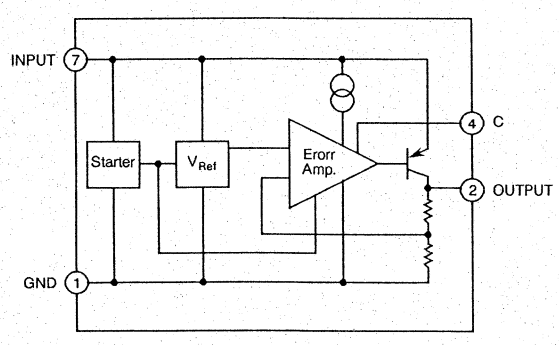

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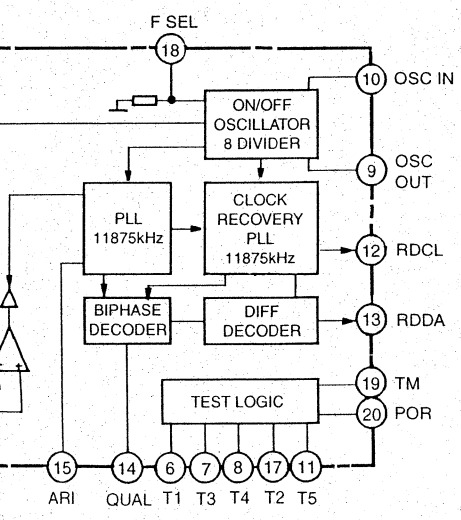
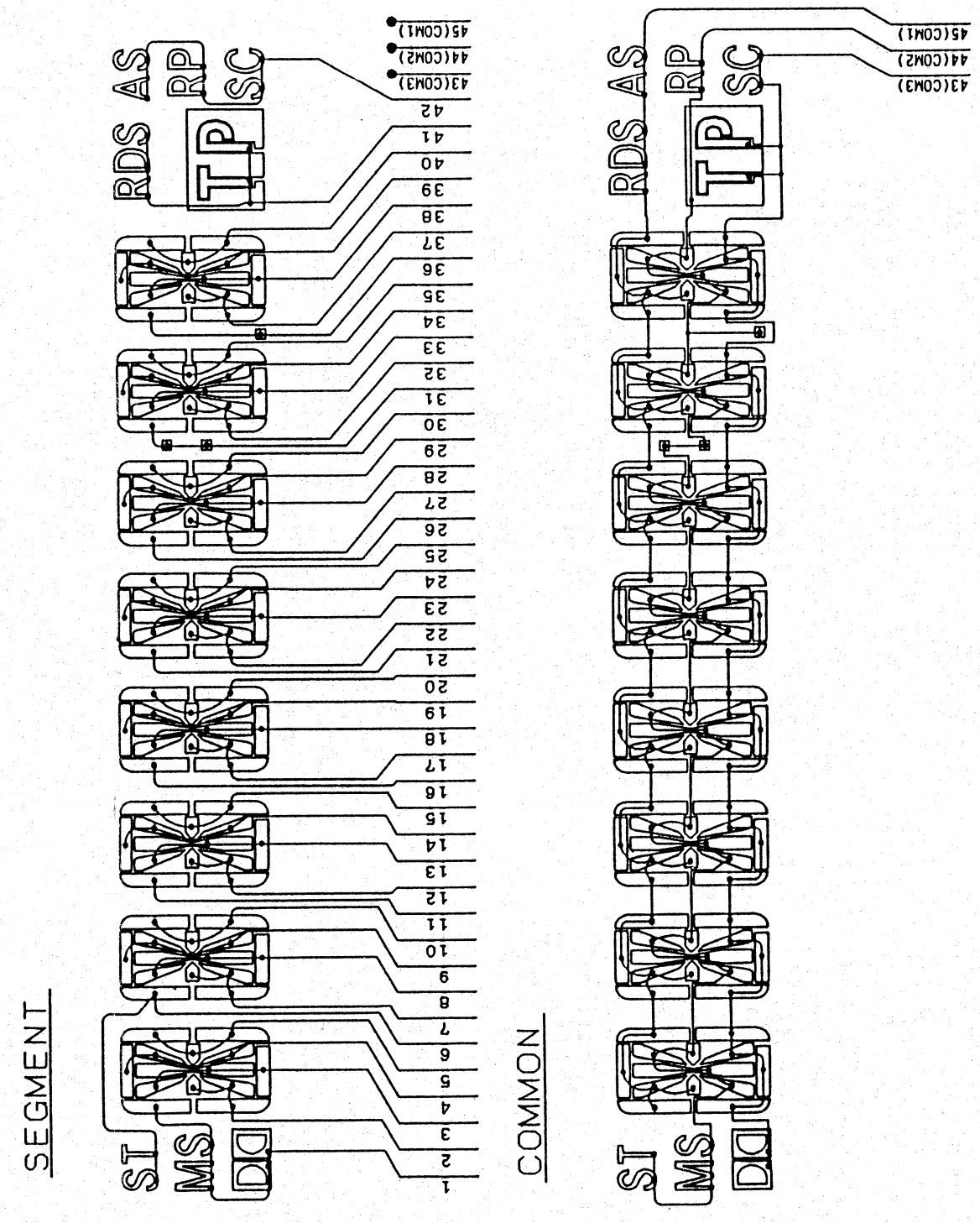


LCD DISPLAY ASSIGNMENT



ALIGNMENT INSTRUCTIONS FOR DOLBY NR

- Power Supply Voltage : DC 13.2V
- Output Impedance : 4Ω
- Output Power : 0.5W
- Bass/Treb Control : Center
- Balance/Fader Control : Center
- Dolby NR : OFF

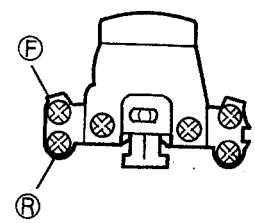
NOTE 1:
Do not align the AM and FM package blocks. When the package block is necessary, it will be supplied already aligned at the factory.

1. DOLBY NR ALIGNMENT

Step	Alignment Item	Test Tape	VTVM Connection	Adjust	Remarks
①	DOLBY NR (Rch)	RFKZ0038	TP201	VR201	• Adjust for 388mV ± 0.5dB
②	DOLBY NR (Lch)	RFKZ0038	TP301	VR301	• Adjust for 388mV ± 0.5dB

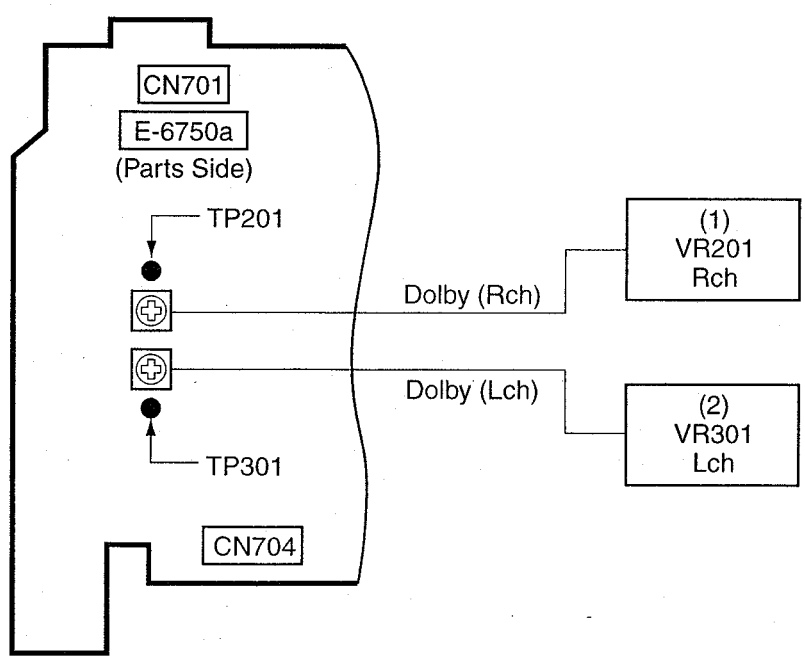
2. HEAD AZIMUTH ALIGNMENT

- Test tape is TCC-153.
- At forward play mode, adjust Ⓕ screw only so that speaker terminal level shows max value.
- At reverse play mode, adjust Ⓡ screw only so that speaker terminal level shows max value.
- Then, again at forward play mode, check if or not speaker terminal level still shows max value.
- If you do not have a test tape, use a tape whose recording level is than 6 kHz for head adjustment. After the above adjustment apply bonding agent to the adjustment screw.



(D-type)

ALIGNMENT POINTS



TERMINALS DESCRIPTION

<Main Block>

■ IC701 C2BBHF000051

Pin No.	Port	Descriotion	I/O	Vol.(V)
1	/RES	Reset input	I	5.3
2	XTAL	Crystal ocsillator	—	2.0
3	ETAL	Crystal ocsillator	—	1.3
4~7	—	(Connecting to VCC)	—	5.0
8	VCC	+5V power supply	—	5.0
9	AMP/RADIO.ON	AMP/Radio power control	O	5.0
10	FM.ON	FM power control	O	5.0
11	P.ON	System power control	O	4.9
12	VSS	Ground	—	0
13	KI1	Key input	I	0
14	KI2	Key input	I	0
15	KI3	Key input	I	0
16	KI4	Key input	I	0
17	BAT.DET	Battery level detection	I	4.8
18	/S.CONT	S-CONT input	I	4.5
19	/P.SW	Power switch input	I	4.5
20	CN2	CD changer detection	I	0
21	LCD.CE	LCD driver chip enable	I	0
22	LCD.CLK	LCD clock	I	0
23	LCD.D1	LCD data input	I	0
24	LCD.D2	LCD data output	O	4.8
25	ENSW-A	Encoder A input	I	0
26	ENSW-B	Encoder B input	I	5.1
27	ESC	Escutcheon detection	I	0
28	RDS.CLK	RDS clock	I	2.6
29	AVCC	+5V power supply	—	5.0
30	SEL1	(Ground pull-down)	—	0
31	SEL2	(+5V pull-up)	—	2.8
32	RDS.DATA	RDS data	I	2.5
33	AM.CONT	AM level detection	I	0.9
34	FV.CONT	FM level detection	I	0.6
35	MP	FM tuner multipass	I	0
36	NOISE	Adjustment station detection	I	0
37	ST	FM stereo detection	I	0.3
38	AVSS	Not used	—	—
39	PLL.CE	PLL chip enable	O	0

Pin No.	Port	Descriotion	I/O	Vol.(V)
40	PLL.CLK	PLL clock	O	0
41	PLL.D1	PLL data output	O	0
42	PLL.D2	PLL data input	I	5.1
43	BEEP	Beep output	O	0
44	E2.CE	EEPROM chip enable	O	0
45	E2.CLK	EEPROM clock	O	0
46	E2.D1	EEPROM data output	O	0
47	VCC	+5V power supply	—	5.0
48	E2.D2	EEPROM data input	I	0
49	TEL.MUT	Telephone mute	I	0
50~52	N.C	(Connecting to ground)	—	0
53	TAMON	TA mute / Security LED on	O	0
54	SAFON	TA mute / Security LED on	O	5.0
55	M2	Tape motor control	O	5.0
56	VSS	Ground	—	0
57	TPS.SOL	TPS solenoid control	O	0
58	DOLBY	Dolby on/off control	O	0
59	MS.OUT	Tape no-sound detection	O	3.6
60	T.LOAD	Tape loading detection	I	0
61	T.PLAY	Tape play detection	I	0
62	A/B.IN	Tape side A/B detection	I	3.9
63~65	N.C	(Connecting to ground)	—	0
66	VOL.CLK	Electronic volume clock	O	0
67	VOL.DATA	Electronic volume data	O	0
68	VOL.STB	Electronic volume strobe	O	0
69	N.C	(Connecting to ground)	—	0
70	N.C	(Connecting to ground)	—	0
71	/MUTE	Mute output	O	5.1
72	/AF.MUTE	AF mute output	O	5.1
73	VSS	Ground	—	0
74~76	N.C	(Connecting to ground)	—	0
77	CD.REMO	Not used	—	—
78	GALA	GALA mode detection	I	3.8
79	CD.DATA	Not used	—	—
80	CD.CLK	Not used	—	—

Note 1 : Voltage measurements are with respect to ground, with a voltmeter (Internal resistance : 10M ohms).

<Display Block>

■ IC681 YEAMLC75853

Pin No.	Port	Description	I/O	Vol.(V)
1~40	S1~40	LCD segment output	O	2.5
41~43	COM1~3	LCD common output	O	2.5
44, 45	S41, 42	LCD segment output	O	2.5
46~48	KS3~5	Key scan signal	O	0.9
49~51	KS0~2	No connection	—	—
52~54	KI1~3	Key data input	I	0
55	TEST	(Connecting to ground)	—	0
56	VDD	+5V power supply	—	4.9

Pin No.	Port	Description	I/O	Vol.(V)
57	VDD1	Ground through capacitor	—	3.3
58	VDD2	Ground through capacitor	—	1.7
59	Vss	Ground	—	0
60	OSC	CR oscillator	—	3.8
61	DO	Key data output	O	4.4
62	CE	Chip enable	I	0
63	CL	LCD clock	I	0
64	DI	LCD data input	I	0

1 REPLACEMENT PARTS LIST

Notes :

1. Be sure to make your orders of replacement parts according to this list.
2. Important safety notice: Components, identified by ⚠ mark have special characteristics important for safety. When replacing any of these components, use only manufacturer's specified parts.
3. Location keys in the remarks column indicates the general location of the parts shown in the exploded drawing, as in a road map.
4. The marking (RTL) indicates that Retention Time is limited for this item. After the discontinuation of assembly in production, the item will continue to be available for a specific period of time. The retention period of availability is dependent on the type of assembly, and in accordance with the laws governing part and product retention. After the end of this period, the assembly will no longer be available.
5. "MCC" marks in remarks column are indicated supply parts of Matsushita Communication Industrial Corp. of America (MCC).

1.1. IC's and Transistors

[E6750]

Ref. No.	Part No.	Part Name & Description	Remarks
IC101	AN6564NST1	IC	
IC151	C0ABCB000005	IC	
IC201	YEAMCX1980QK	IC	
IC202	C0ABCB000005	IC	
IC203	YEAMSN761026	IC	
IC271	AN7190NKLC	IC	
IC371	AN7190NKLC	IC	
IC681	YEAMLC75853	IC	
IC701	C2BBHF000051	IC	
IC702	YEAM2950Z5T	IC	
IC703	MN1382QTX	IC	
IC704	YEAM2951MT	IC	
IC705	YEAM93C46EMX	IC	
IC707	YEAMBA4900V3	IC	
IC708	YEAMLC72146T	IC	
IC709	YEAMDA7331D	IC	
IC710	C0JBAD000030	IC	
IC711	YEAMLA5010M	IC	
PA101	YEP0PTA513B0	Tuner Pack	
Q101	B1GBCFNN0005	Transistor	
Q202	YEANC3661TA	Transistor	
Q302	YEANC3661TA	Transistor	
Q701	YEAN2SK1133T	Transistor	
Q702	YEANA114EKTX	Transistor	
Q703	YEANA114EKTX	Transistor	
Q705	B1GBCFNN0005	Transistor	
Q707	B1GBCFNN0005	Transistor	
Q710	YEANC114EKTX	Transistor	
Q711	YEANHQ1F3PT1	Transistor	
Q712	YEANC114EKTX	Transistor	
Q713	YEANHQ1F3PT1	Transistor	
Q714	B1ABCF000044	Transistor	
Q715	2SD2249QRTA	Transistor	
Q717	B1ABCF000044	Transistor	
Q718	YEAN2SA1327	Transistor	
Q719	YEANC114EKTX	Transistor	
Q720	YEANBP1F3PT	Transistor	
Q722	B1ABCF000044	Transistor	
Q724	YEAN2SK536TB	Transistor	
Q725	B1GBCFNN0005	Transistor	

1.2. Diodes

[E6750]

Ref. No.	Part No.	Part Name & Description	Remarks
D151	MA153TX	Diode	
D152	MA153TX	Diode	
D671	LNJ406K5YM	LED	
D672	LNJ406K5YM	LED	
D673	LNJ406K5YM	LED	
D674	LNJ406K5YM	LED	
D675	LNJ406K5YM	LED	
D676	LNJ406K5YM	LED	
D677	LNJ406K5YM	LED	
D681	LN222RP	LED	
D682	LNJ406K5YM	LED	
D683	LNJ406K5YM	LED	
D684	LNJ406K5YM	LED	
D685	LNJ406K5YM	LED	
D686	LNJ406K5YM	LED	
D687	LNJ406K5YM	LED	
D688	LNJ406K5YM	LED	
D689	LNJ406K5YM	LED	
D690	LNJ406K5YM	LED	
D691	LNJ406K5YM	LED	
D692	LNJ406K5YM	LED	
D693	LNJ406K5YM	LED	
D694	LNJ406K5YM	LED	
D695	LNJ406K5YM	LED	
D696	LNJ406K5YM	LED	
D697	LNJ406K5YM	LED	
D698	LNJ406K5YM	LED	
D699	LNJ406K5YM	LED	
D701	MAZ40680GF	Diode	
D703	MA151KTX	Diode	
D704	MA151KTX	Diode	
D705	MA151KTX	Diode	
D706	MA151KTX	Diode	
D707	MA165TA	Diode	
D709	MA165TA	Diode	
D711	YEAD11ES2T	Diode	
D714	MA151WKTX	Diode	
D715	MA153TX	Diode	
D724	MA165TA	Diode	
D802	MA165TA	Diode	
D803	MA4082LMTA	Diode	
D805	YEADRD27M2T1	Diode	
D806	MA8068MTX	Diode	
D807	MA8068MTX	Diode	
D808	YEADDSM3MA2T	Diode	

1.3. Capacitors

[E6750]

Ref. No.	Part No.	Part Name & Description	Remarks
C102	YECUS1H222KX	Ceramic, 0.0022µF 50WV	
C103	YECUS1H103KX	Ceramic, 0.01µF 50WV	
C104	ECEA1AKS221I	Electrolytic, 220µF 10WV	
C105	YECUS1E223KX	Ceramic, 0.022µF 25WV	
C106	YECUS1H153KX	Ceramic, 0.015µF 50WV	
C107	YECUS1C154KX	Ceramic, 0.15µF 16WV	
C108	YECUS1H103KX	Ceramic, 0.01µF 50WV	
C110	YECUS1C154KX	Ceramic, 0.15µF 16WV	
C111	YECUS1H103KX	Ceramic, 0.01µF 50WV	
C112	ECA1CM100I	Electrolytic, 10µF 16WV	
C113	YECUS1H103KX	Ceramic, 0.01µF 50WV	
C114	YECUS1H102KX	Ceramic, 0.001µF 50WV	
C115	YECUS1H102KX	Ceramic, 0.001µF 50WV	
C118	YECUS1H101JM	Ceramic, 100PF 50WV	
C119	YECUS1E223KX	Ceramic, 0.022µF 25WV	
C120	YECUS1E223KX	Ceramic, 0.022µF 25WV	

Ref. No.	Part No.	Part Name & Description	Remarks
C121	ECA1AM221I	Electrolytic, 220µF 10WV	
C152	YECUS1H122KX	Ceramic, 0.0012µF 50WV	
C153	YECUS1H152KX	Ceramic, 0.0015µF 50WV	
C154	YECUS1H103KX	Ceramic, 0.01µF 50WV	
C155	YECUS1H151JM	Ceramic, 150PF 50WV	
C156	YECUS1H151JM	Ceramic, 150PF 50WV	
C157	YECUS1H151JM	Ceramic, 150PF 50WV	
C158	YECUS1H102KX	Ceramic, 0.001µF 50WV	
C159	YECUS1H100DM	Ceramic, 10PF 50WV	
C160	YECUS1H102KX	Ceramic, 0.001µF 50WV	
C161	YECUS1E223KX	Ceramic, 0.022µF 25WV	
C163	ECA1HM4R7I	Electrolytic, 4.7µF 50WV	
C164	YECUS1H151JM	Ceramic, 150PF 50WV	
C169	YECUS1H103KX	Ceramic, 0.01µF 50WV	
C201	YECUS1H221JM	Ceramic, 220PF 50WV	
C202	ECEA1AKS330I	Electrolytic, 33µF 10WV	
C203	YECUS1H103KX	Ceramic, 0.01µF 50WV	
C204	ECEA1HKS2R2I	Electrolytic, 2.2µF 50WV	
C205	YECUS1C104KX	Ceramic, 0.1µF 16WV	
C206	ECEA1HKS2R2I	Electrolytic, 2.2µF 50WV	
C207	ECEA1AKS221I	Electrolytic, 220µF 10WV	
C208	YECUS1H103KX	Ceramic, 0.01µF 50WV	
C209	ECEA1CKS100I	Electrolytic, 10µF 16WV	
C210	ECEA1AKS470I	Electrolytic, 47µF 10WV	
C212	YECUS1E223KX	Ceramic, 0.022µF 25WV	
C213	YECUS1H472KX	Ceramic, 0.0047µF 50WV	
C214	ECEA1HKS2R2I	Electrolytic, 2.2µF 50WV	
C215	ECEA1HKS2R2I	Electrolytic, 2.2µF 50WV	
C216	YECUS1H101JM	Ceramic, 100PF 50WV	
C217	ECEA1CKS100I	Electrolytic, 10µF 16WV	
C218	ECEA1HKS2R2I	Electrolytic, 2.2µF 50WV	
C219	ECEA1CSN100I	Electrolytic, 10µF 16WV	
C221	ECEA1HKS010I	Electrolytic, 1µF 50WV	
C222	ECEA1CSN100I	Electrolytic, 10µF 16WV	
C224	YECUS1H822KX	Ceramic, 0.0082µF 50WV	
C225	F1J1H182A509	Ceramic, 0.0018µF 50WV	
C226	ECEA1CSN100I	Electrolytic, 10µF 16WV	
C227	YECUS1C563KX	Ceramic, 0.056µF 16WV	
C228	ECEA1CSN100I	Electrolytic, 10µF 16WV	
C229	ECEA1CKS100I	Electrolytic, 10µF 16WV	
C230	YECUS1E473KX	Ceramic, 0.047µF 25WV	
C231	YECUS1H103KX	Ceramic, 0.01µF 50WV	
C232	YECUS1H103KX	Ceramic, 0.01µF 50WV	
C271	ECA1CM100I	Electrolytic, 10µF 16WV	
C272	YECUS1H471JM	Ceramic, 470PF 50WV	
C273	YECUV1C224KX	Ceramic, 0.22µF 16WV	
C274	YECUV1C224KX	Ceramic, 0.22µF 16WV	
C275	ECA1CM102B	Electrolytic, 1000µF 16WV	
C276	ECA1CM100I	Electrolytic, 10µF 16WV	
C277	YECUS1H471JM	Ceramic, 470PF 50WV	
C278	YECUV1C224KX	Ceramic, 0.22µF 16WV	
C279	YECUV1C224KX	Ceramic, 0.22µF 16WV	
C280	ECA1CM102B	Electrolytic, 1000µF 16WV	
C282	ECEA1CKS330B	Electrolytic, 33µF 16WV	
C301	YECUS1H221JM	Ceramic, 220PF 50WV	
C302	ECEA1AKS330I	Electrolytic, 33µF 10WV	
C303	YECUS1H103KX	Ceramic, 0.01µF 50WV	
C304	ECEA1HKS2R2I	Electrolytic, 2.2µF 50WV	
C305	YECUS1C104KX	Ceramic, 0.1µF 16WV	
C306	ECEA1HKS2R2I	Electrolytic, 2.2µF 50WV	
C308	ECEA1CKS100I	Electrolytic, 10µF 16WV	
C309	YECUS1H153KX	Ceramic, 0.015µF 50WV	
C311	YECUS1E333KX	Ceramic, 0.033µF 25WV	
C312	YECUS1E223KX	Ceramic, 0.022µF 25WV	
C313	YECUS1H472KX	Ceramic, 0.0047µF 50WV	
C314	ECEA1HKS2R2I	Electrolytic, 2.2µF 50WV	
C315	ECEA1HKS2R2I	Electrolytic, 2.2µF 50WV	
C316	YECUS1H101JM	Ceramic, 100PF 50WV	
C317	ECEA1CKS100I	Electrolytic, 10µF 16WV	
C318	ECEA1HKS2R2I	Electrolytic, 2.2µF 50WV	
C319	ECEA1CSN100I	Electrolytic, 10µF 16WV	
C321	ECEA1HKS010I	Electrolytic, 1µF 50WV	
C322	ECEA1CSN100I	Electrolytic, 10µF 16WV	

Ref. No.	Part No.	Part Name & Description	Remarks
C324	YECUS1H822KX	Ceramic, 0.0082µF 50WV	
C325	F1J1H182A509	Ceramic, 0.0018µF 50WV	
C326	ECEA1CSN100I	Electrolytic, 10µF 16WV	
C327	YECUS1C563KX	Ceramic, 0.056µF 16WV	
C328	ECEA1CSN100I	Electrolytic, 10µF 16WV	
C329	ECEA1HKS2R2I	Electrolytic, 2.2µF 50WV	
C330	ECEA1AKS470I	Electrolytic, 47µF 10WV	
C331	YECUS1C104KX	Ceramic, 0.1µF 16WV	
C371	ECA1CM100I	Electrolytic, 10µF 16WV	
C372	YECUS1H471JM	Ceramic, 470PF 50WV	
C373	YECUV1C224KX	Ceramic, 0.22µF 16WV	
C374	YECUV1C224KX	Ceramic, 0.22µF 16WV	
C375	ECA1CM102B	Electrolytic, 1000µF 16WV	
C376	ECA1CM100I	Electrolytic, 10µF 16WV	
C377	YECUS1H471JM	Ceramic, 470PF 50WV	
C378	YECUV1C224KX	Ceramic, 0.22µF 16WV	
C379	YECUV1C224KX	Ceramic, 0.22µF 16WV	
C380	ECA1CM102B	Electrolytic, 1000µF 16WV	
C382	ECEA1CKS330B	Electrolytic, 33µF 16WV	
C383	YECUS1H102KX	Ceramic, 0.001µF 50WV	
C602	YECUS1H270JM	Ceramic, 27PF 50WV	
C603	YECUS1H270JM	Ceramic, 27PF 50WV	
C620	YECUS1H101JM	Ceramic, 100PF 50WV	
C623	YECUS1H101JM	Ceramic, 100PF 50WV	
C624	YECUS1H101JM	Ceramic, 100PF 50WV	
C625	YECUS1H101JM	Ceramic, 100PF 50WV	
C626	YECUS1H101JM	Ceramic, 100PF 50WV	
C632	YECUS1H101JM	Ceramic, 100PF 50WV	
C635	YECUS1H101JM	Ceramic, 100PF 50WV	
C641	YECUS1H101JM	Ceramic, 100PF 50WV	
C642	YECUS1H101JM	Ceramic, 100PF 50WV	
C643	YECUS1H101JM	Ceramic, 100PF 50WV	
C645	YECUS1H101JM	Ceramic, 100PF 50WV	
C646	YECUS1H101JM	Ceramic, 100PF 50WV	
C648	YECUS1H101JM	Ceramic, 100PF 50WV	
C660	YECUS1H101JM	Ceramic, 100PF 50WV	
C666	YECUS1H101JM	Ceramic, 100PF 50WV	
C667	YECUS1H101JM	Ceramic, 100PF 50WV	
C668	YECUS1H101JM	Ceramic, 100PF 50WV	
C671	YECUS1H101JM	Ceramic, 100PF 50WV	
C672	YECUS1H101JM	Ceramic, 100PF 50WV	
C681	YECUS1H103KX	Ceramic, 0.01µF 50WV	
C683	YECUS1C104KX	Ceramic, 0.1µF 16WV	
C684	YECUS1C104KX	Ceramic, 0.1µF 16WV	
C685	YECUS1H681JM	Ceramic, 680PF 50WV	
C706	YECUS1C104KX	Ceramic, 0.1µF 16WV	
C707	YECUS1C104KX	Ceramic, 0.1µF 16WV	
C708	YECUS1C104KX	Ceramic, 0.1µF 16WV	
C711	ECEA1CKS100I	Electrolytic, 10µF 16WV	
C712	ECEA0JKS331I	Electrolytic, 330µF 6.3WV	
C713	YECUS1C104KX	Ceramic, 0.1µF 16WV	
C714	YECUS1H103KX	Ceramic, 0.01µF 50WV	
C715	ECEA1CKS100I	Electrolytic, 10µF 16WV	
C716	YECUS1H103KX	Ceramic, 0.01µF 50WV	
C722	ECEA1CKS100I	Electrolytic, 10µF 16WV	
C723	ECEA1CKS100I	Electrolytic, 10µF 16WV	
C724	ECEA1CKS101I	Electrolytic, 100µF 16WV	
C725	ECEA1CKS100I	Electrolytic, 10µF 16WV	
C728	ECEA1CKS100I	Electrolytic, 10µF 16WV	
C729	ECEA1CKS101I	Electrolytic, 100µF 16WV	
C730	YECUS1H103KX	Ceramic, 0.01µF 50WV	
C732	ECEA1HKS010I	Electrolytic, 1µF 50WV	
C735	YECUS1H103KX	Ceramic, 0.01µF 50WV	
C736	F1J1H120A034	Ceramic, 12PF 50WV	
C737	F1J1H120A034	Ceramic, 12PF 50WV	
C738	YECUS1H101JM	Ceramic, 100PF 50WV	
C743	YECUS1H101JM	Ceramic, 100PF 50WV	
C744	YECUS1H101JM	Ceramic, 100PF 50WV	
C745	YECUS1H101JM	Ceramic, 100PF 50WV	
C746	YECUS1H101JM	Ceramic, 100PF 50WV	
C748	YECUS1H222KX	Ceramic, 0.0022µF 50WV	
C749	YECUS1E393KX	Ceramic, 0.039µF 25WV	
C750	YECUS1H103KX	Ceramic, 0.01µF 50WV	

Ref. No.	Part No.	Part Name & Description	Remarks
C751	ECEA0JKS470I	Electrolytic, 47µF 6.3WV	
C752	YECUS1H103KX	Ceramic, 0.01µF 50WV	
C753	ECEA1CKS101I	Electrolytic, 100µF 16WV	
C754	YECUS1H103KX	Ceramic, 0.01µF 50WV	
C755	ECEA1AKS220I	Electrolytic, 22µF 10WV	
C756	YECUS1C104KX	Ceramic, 0.1µF 16WV	
C757	ECEA1CKS100I	Electrolytic, 10µF 16WV	
C758	YECUS1H103KX	Ceramic, 0.01µF 50WV	
C759	YECUS1H470JM	Ceramic, 47PF 50WV	
C760	YECUS1H270JM	Ceramic, 27PF 50WV	
C762	F1J1H121A034	Ceramic, 120PF 50WV	
C763	YECUS1H271JM	Ceramic, 270PF 50WV	
C764	ECA1CM101I	Electrolytic, 100µF 16WV	
C767	YECUS1H103KX	Ceramic, 0.01µF 50WV	
C772	YECUS1H101JM	Ceramic, 100PF 50WV	
C774	ECEA1CSN100I	Electrolytic, 10µF 16WV	
C776	YECUS1C104KX	Ceramic, 0.1µF 16WV	
C778	YECUS1H101JM	Ceramic, 100PF 50WV	
C779	ECEA1HKS4R7	Electrolytic, 4.7µF 50WV	
C781	YECUS1H101JM	Ceramic, 100PF 50WV	
C782	YECUS1H101JM	Ceramic, 100PF 50WV	
C783	YECUS1H101JM	Ceramic, 100PF 50WV	
C784	YECUS1H101JM	Ceramic, 100PF 50WV	
C785	ECEA1CKS100I	Electrolytic, 10µF 16WV	
C786	ECEA1CKS100I	Electrolytic, 10µF 16WV	
C787	YECUS1C104KX	Ceramic, 0.1µF 16WV	
C788	YECUS1H222KX	Ceramic, 0.0022µF 50WV	
C790	YECUS1C104KX	Ceramic, 0.1µF 16WV	
C801	ECA1HM3R3I	Electrolytic, 3.3µF 50WV	
C802	ECA1CM100I	Electrolytic, 10µF 16WV	
C806	YECUS1H103KX	Ceramic, 0.01µF 50WV	

1.4. Resistors

[E6750]

Ref. No.	Part No.	Part Name & Description	Remarks
R101	ERJ6GEYJ392	Chip, 3.9kΩ 1/10W	
R102	ERJ6GEYJ334	Chip, 330kΩ 1/10W	
R103	ERJ6GEYJ153	Chip, 15kΩ 1/10W	
R104	ERJ6GEYJ183	Chip, 18kΩ 1/10W	
R105	ERJ6GEYJ223	Chip, 22kΩ 1/10W	
R106	ERJ6GEYJ472	Chip, 4.7kΩ 1/10W	
R107	ERJ6GEYJ104	Chip, 100kΩ 1/10W	
R108	ERJ6GEYJ223	Chip, 22kΩ 1/10W	
R109	ERJ6GEYJ223	Chip, 22kΩ 1/10W	
R111	ERJ6GEYJ683	Chip, 68kΩ 1/10W	
R112	ERJ6GEYJ563	Chip, 56kΩ 1/10W	
R113	ERJ6GEYJ101	Chip, 100Ω 1/10W	
R114	ERJ6GEYJ153	Chip, 15kΩ 1/10W	
R115	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R118	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R153	ERJ6GEYJ222	Chip, 2.2kΩ 1/10W	
R154	ERJ6GEYJ561	Chip, 560Ω 1/10W	
R155	ERJ6GEYJ683	Chip, 68kΩ 1/10W	
R156	ERJ6GEYJ332	Chip, 3.3kΩ 1/10W	
R157	ERJ6GEYJ183	Chip, 18kΩ 1/10W	
R158	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R159	ERJ6GEYJ393	Chip, 39kΩ 1/10W	
R160	ERJ6GEYJ103	Chip, 10kΩ 1/10W	
R161	ERJ6GEYJ103	Chip, 10kΩ 1/10W	
R162	ERJ6GEYJ393	Chip, 39kΩ 1/10W	
R163	ERJ6GEYJ393	Chip, 39kΩ 1/10W	
R164	ERJ6GEYJ103	Chip, 10kΩ 1/10W	
R165	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R166	ERJ6GEYJ224	Chip, 220kΩ 1/10W	
R167	ERJ6GEYJ103	Chip, 10kΩ 1/10W	
R168	ERJ6GEYJ103	Chip, 10kΩ 1/10W	
R203	ERJ6GEYJ472	Chip, 4.7kΩ 1/10W	
R204	ERJ6GEYJ222	Chip, 2.2kΩ 1/10W	
R205	ERJ6GEYJ223	Chip, 22kΩ 1/10W	
R206	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R207	ERJ6GEYJ822	Chip, 8.2kΩ 1/10W	
R208	ERJ6GEYJ103	Chip, 10kΩ 1/10W	
R214	ERJ6GEYJ472	Chip, 4.7kΩ 1/10W	
R215	ERJ6GEYJ472	Chip, 4.7kΩ 1/10W	
R216	ERJ6GEYJ101	Chip, 100Ω 1/10W	
R217	ERJ6GEYJ272	Chip, 2.7kΩ 1/10W	
R218	ERJ6GEYJ822	Chip, 8.2kΩ 1/10W	
R219	ERJ6GEYJ472	Chip, 4.7kΩ 1/10W	
R220	ERJ6GEYJ472	Chip, 4.7kΩ 1/10W	
R223	ERJ6GEYJ151	Chip, 150Ω 1/10W	
R227	ERJ6GEYJ122	Chip, 1.2kΩ 1/10W	
R271	ERJ6GEYJ472	Chip, 4.7kΩ 1/10W	
R272	ERJ6GEYJ2R2	Chip, 2.2Ω 1/10W	
R273	ERJ6GEYJ2R2	Chip, 2.2Ω 1/10W	
R274	ERJ6GEYJ472	Chip, 4.7kΩ 1/10W	
R275	ERJ6GEYJ2R2	Chip, 2.2Ω 1/10W	
R276	ERJ6GEYJ2R2	Chip, 2.2Ω 1/10W	
R303	ERJ6GEYJ472	Chip, 4.7kΩ 1/10W	
R304	ERJ6GEYJ222	Chip, 2.2kΩ 1/10W	
R305	ERJ6GEYJ183	Chip, 18kΩ 1/10W	
R306	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R307	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R309	ERJ6GEYJ682	Chip, 6.8kΩ 1/10W	
R311	ERJ6GEYJ334	Chip, 330kΩ 1/10W	
R312	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R313	ERJ6GEYJ103	Chip, 10kΩ 1/10W	
R314	ERJ6GEYJ472	Chip, 4.7kΩ 1/10W	
R315	ERJ6GEYJ472	Chip, 4.7kΩ 1/10W	
R316	ERJ6GEYJ101	Chip, 100Ω 1/10W	
R317	ERJ6GEYJ272	Chip, 2.7kΩ 1/10W	
R318	ERJ6GEYJ822	Chip, 8.2kΩ 1/10W	
R319	ERJ6GEYJ472	Chip, 4.7kΩ 1/10W	
R320	ERJ6GEYJ472	Chip, 4.7kΩ 1/10W	
R323	ERJ6GEYJ151	Chip, 150Ω 1/10W	
R327	ERJ6GEYJ122	Chip, 1.2kΩ 1/10W	
R371	ERJ6GEYJ472	Chip, 4.7kΩ 1/10W	
R372	ERJ6GEYJ2R2	Chip, 2.2Ω 1/10W	
R373	ERJ6GEYJ2R2	Chip, 2.2Ω 1/10W	
R374	ERJ6GEYJ472	Chip, 4.7kΩ 1/10W	
R375	ERJ6GEYJ2R2	Chip, 2.2Ω 1/10W	
R376	ERJ6GEYJ2R2	Chip, 2.2Ω 1/10W	
R377	ERJ6GEYJ124	Chip, 120kΩ 1/10W	
R602	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R609	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R610	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R611	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R613	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R614	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R615	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R616	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R618	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R619	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R620	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R621	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R622	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R623	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R624	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R625	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R626	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R627	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R630	ERJ6GEYJ104	Chip, 100kΩ 1/10W	
R632	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R633	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R634	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R635	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R636	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R637	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R639	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R640	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R641	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R642	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R643	ERJ6GEYJ562	Chip, 5.6kΩ 1/10W	
R648	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R649	ERJ6GEYJ102	Chip, 1kΩ 1/10W	

Ref. No.	Part No.	Part Name & Description	Remarks
R653	ERJ6GEYJ103	Chip, 10kΩ 1/10W	
R654	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R657	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R658	ERJ6GEYJ223	Chip, 22kΩ 1/10W	
R659	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R660	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R661	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R662	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R666	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R667	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R668	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R678	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R681	ERJ6GEYJ103	Chip, 10kΩ 1/10W	
R682	ERJ6GEYJ823	Chip, 82kΩ 1/10W	
R683	ERJ8GEYJ271V	Chip, 270Ω 1/8W	
R684	ERJ8GEYJ221V	Chip, 220Ω 1/8W	
R685	ERJ8GEYJ271V	Chip, 270Ω 1/8W	
R686	ERJ8GEYJ271V	Chip, 270Ω 1/8W	
R687	ERJ8GEYJ471V	Chip, 470Ω 1/8W	
R688	ERJ8GEYJ471V	Chip, 470Ω 1/8W	
R689	ERJ8GEYJ471V	Chip, 470Ω 1/8W	
R690	ERJ8GEYJ471V	Chip, 470Ω 1/8W	
R691	ERJ8GEYJ471V	Chip, 470Ω 1/8W	
R693	ERJ8GEYJ391V	Chip, 390Ω 1/8W	
R694	ERJ8GEYJ391V	Chip, 390Ω 1/8W	
R701	ERJ6GEYJ103	Chip, 10kΩ 1/10W	
R702	ERJ6GEYJ105	Chip, 1MΩ 1/10W	
R704	ERJ6GEYJ474	Chip, 470kΩ 1/10W	
R705	ERJ6GEYJ104	Chip, 100kΩ 1/10W	
R707	ERJ6GEYJ125	Chip, 1.2MΩ 1/10W	
R708	ERJ6GEYJ105	Chip, 1MΩ 1/10W	
R709	ERJ6GEYJ105	Chip, 1MΩ 1/10W	
R710	ERJ6GEYJ104	Chip, 100kΩ 1/10W	
R711	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R712	ERJ6GEYJ103	Chip, 10kΩ 1/10W	
R713	ERJ6GEYJ103	Chip, 10kΩ 1/10W	
R714	ERJ6GEYJ103	Chip, 10kΩ 1/10W	
R715	ERJ6GEYJ103	Chip, 10kΩ 1/10W	
R717	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R718	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R719	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R721	ERJ6GEYJ470	Chip, 47Ω 1/10W	
R725	ERJ6GEYJ472	Chip, 4.7kΩ 1/10W	
R726	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R727	ERJ6GEYJ332	Chip, 3.3kΩ 1/10W	
R728	ERJ6GEYJ222	Chip, 2.2kΩ 1/10W	
R730	ERJ6GEYJ104	Chip, 100kΩ 1/10W	
R731	ERJ14YJ561H	Chip, 560 ohms 1/4W	
R733	ERJ6GEYJ104	Chip, 100kΩ 1/10W	
R734	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R739	ERJ6GEYJ100	Chip, 10Ω 1/10W	
R740	ERJ6GEYJ222	Chip, 2.2kΩ 1/10W	
R741	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R742	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R743	ERJ6GEYJ561	Chip, 560Ω 1/10W	
R745	ERJ6GEYJ392	Chip, 3.9kΩ 1/10W	
R746	ERJ6GEYJ4R7	Chip, 4.7Ω 1/10W	
R747	ERJ6GEYJ561	Chip, 560Ω 1/10W	
R748	ERJ6GEYJ101	Chip, 100Ω 1/10W	
R750	ERJ6GEYJ225V	Chip, 2.2MΩ 1/10W	
R751	ERJ6GEYJ104	Chip, 100kΩ 1/10W	
R754	ERDS1FJ1R0	Carbon, 1Ω 1/2W	
R755	ERJ6GEYJ472	Chip, 4.7kΩ 1/10W	
R758	ERJ6GEYJ104	Chip, 100kΩ 1/10W	
R759	ERJ6GEYJ104	Chip, 100kΩ 1/10W	
R760	ERJ6GEYJ104	Chip, 100kΩ 1/10W	
R763	ERJ6GEYJ104	Chip, 100kΩ 1/10W	
R764	ERJ6GEYJ104	Chip, 100kΩ 1/10W	
R765	ERJ6GEYJ104	Chip, 100kΩ 1/10W	
R766	ERJ6GEYJ104	Chip, 100kΩ 1/10W	
R768	ERJ6GEYJ472	Chip, 4.7kΩ 1/10W	
R769	ERJ6GEYJ472	Chip, 4.7kΩ 1/10W	
R770	ERJ6GEYJ104	Chip, 100kΩ 1/10W	
R771	ERJ6GEYJ182	Chip, 1.8kΩ 1/10W	
R772	ERDS1FJ3R3	Carbon, 3.3Ω 1/2W	
R774	ERJ6GEYJ153	Chip, 15kΩ 1/10W	
R775	ERJ6GEYJ103	Chip, 10kΩ 1/10W	
R776	ERJ6GEYJ472	Chip, 4.7kΩ 1/10W	
R777	ERJ6GEYJ472	Chip, 4.7kΩ 1/10W	
R778	ERJ6GEYJ472	Chip, 4.7kΩ 1/10W	
R779	ERJ6GEYJ472	Chip, 4.7kΩ 1/10W	
R783	ERJ6GEYJ103	Chip, 10kΩ 1/10W	
R784	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R785	ERDS2TJ221	Carbon, 220Ω 1/4W	
R786	ERJ6GEYJ124	Chip, 120kΩ 1/10W	
R787	ERJ6GEYJ103	Chip, 10kΩ 1/10W	
R788	ERJ6GEYJ105	Chip, 1MΩ 1/10W	
R789	ERG1SJ151E	Metal Oxid, 150Ω 1W	
R790	ERJ6GEYJ104	Chip, 100kΩ 1/10W	
R799	ERJ6GEYJ472	Chip, 4.7kΩ 1/10W	
R801	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R802	ERJ6GEYJ273	Chip, 27kΩ 1/10W	
R804	ERJ6GEYJ182	Chip, 1.8kΩ 1/10W	
R805	ERJ6GEYJ103	Chip, 10kΩ 1/10W	
R806	ERJ6GEYJ222	Chip, 2.2kΩ 1/10W	
R807	ERJ6GEYJ103	Chip, 10kΩ 1/10W	
R808	ERJ6GEYJ470	Chip, 47Ω 1/10W	
R809	ERJ6GEYJ821	Chip, 820Ω 1/10W	
R814	ERJ6GEYJ103	Chip, 10kΩ 1/10W	

1.5. Connectors

[E6750]

Ref. No.	Part No.	Part Name & Description	Remarks
CN1	YEAE012314	Connector, 5P	
CN701	YEAETKCF08PS	Connector, 8P	
CN702	YEAETKCF08RS	Connector, 8P	
CN703	YEAETKCF12PS	Connector, 12P	
CN704	YEAETKCF10PS	Connector, 10P	
CN705	YEAE0806MXNB	Connector, 8P	
CN706	YEAEM2005S	Connector, 5P	
CN801	YEAE012784	Connector, 8P/8P/10P	
CP701	YEAETKCF08XY	Connector, 8P	
CP702	YEAETKCF08XY	Connector, 8P	
CP703	K1MQ12A00005	Connector, 12P	
CP704	K1MQ10A00009	Connector, 10P	

1.6. Electric Parts

SWITCHES

Ref. No.	Part No.	Part Name & Description	Remarks
SW681	EVQPJU04K	Switch	
SW682	EVQPJU04K	Switch	
SW683	EVQPJU04K	Switch	
SW684	EVQPJU04K	Switch	
SW685	EVQPJU04K	Switch	
SW686	EVQPJU04K	Switch	
SW687	EVQPJU04K	Switch	
SW688	EVQPJU04K	Switch	
SW689	EVQPJU04K	Switch	
SW690	EVQPJU04K	Switch	
SW691	EVQPJU04K	Switch	
VR681	EVQB1D04015B	Variable Resistor	

CRYSTALS

Ref. No.	Part No.	Part Name & Description	Remarks
XL701	YEXL49U1105T	Crystal OSC	
XL702	YEXL49U072TA	Crystal OSC	
XL703	YEXL49U0433T	Crystal OSC	

CERAMIC FILTERS

Ref. No.	Part No.	Part Name & Description	Remarks
CS801	YECCL55S222T	Noise Filter, 2200PF 100WV	
Z101	J0LE00000002	Noise Filter	

COILS

Ref. No.	Part No.	Part Name & Description	Remarks
CS101	YEXC07T009	Coil	
L101	YELT02C3R3KT	Coil	
L701	YELTB2R2RT	Coil	
L702	YELTB2R2RT	Coil	
L703	YELT02C2R2KT	Coil	
L705	YELTB2R2RT	Coil	
L707	YELT02C2R2KT	Coil	
L709	YELT02C330KT	Coil	
L710	YELT02C2R2KT	Coil	
L712	YELT02C330KT	Coil	
L714	YELT02C101KT	Coil	
L716	YELT02C101KT	Coil	
L717	YELT02C101KT	Coil	
L801	YETQ026X137	Coil	

LCD

Ref. No.	Part No.	Part Name & Description	Remarks
LCD681	YEXDCM1216	LCD	

VARIABLE RESISTORS

Ref. No.	Part No.	Part Name & Description	Remarks
VR201	EVNDXAA00B13	Variable Resistor	
VR301	EVNDXAA00B13	Variable Resistor	

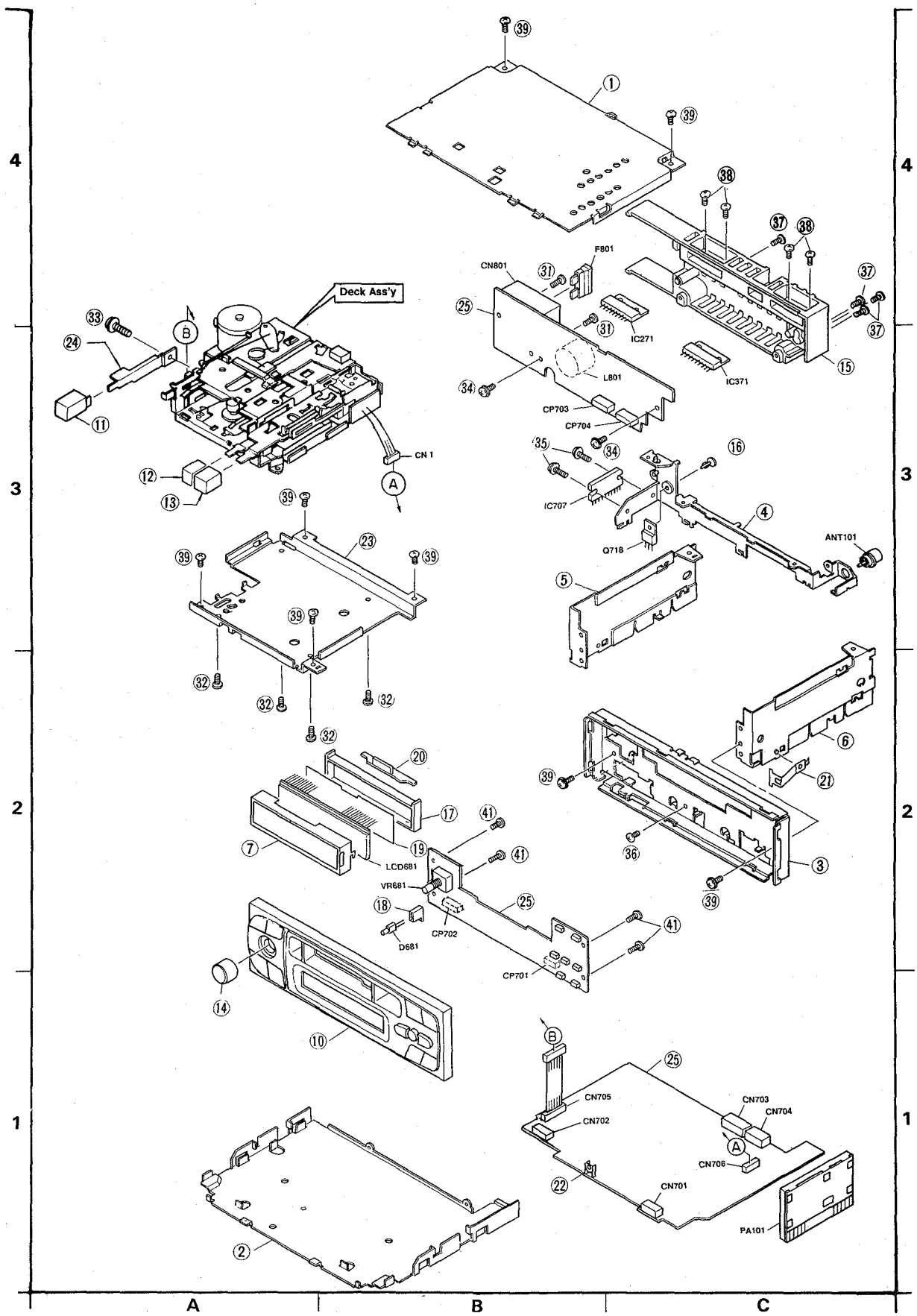
1.7. Mechanical Parts

MISCELLANEOUS

Ref. No.	Part No.	Part Name & Description	Remarks
ANT101	YEAA10087	Antenna Receptacle	
F801 ⚠	Fuse, 10A		
1	YEFA031439	Upper Cover	(4-B)
2	YEFA05627	Bottom Cover	(1-B)
3	YEFA07404	Front Plate	(2-C)
4	YEFA08427	Rear Plate	(3-C)
5	YEFA09543	Side Plate (L)	(3-C)
6	YEFA09511AK	Side Plate (R)	(2-C)
7	YEFA131306	Cover/LCD	(2-A)
10	YGFC026323	Escutcheon	(1-B)
11	YEFE134717	Button/Eject	(3-A)
12	YEFE134718	Button/FF	(3-A)
13	YEFE134719	Button/REW	(3-A)
14	YEFE07464	Knob/Vol	(1-A)
15	YGFF01825	Heat Sink	(4-C)
16	YEFJ05030	Color Rivet	(3-C)
17	YEFK06757	Holder/LCD	(2-B)
18	YEFK06765	Holder/LED	(2-B)
19	YEFV021498	Optical Shade	(2-B)
20	YEFX0011765	Transparent Plate	(2-B)
21	YEFX0052058	Spring	(2-C)
22	YEFX0213797	Bracket/GND	(1-B)
23	YEFX0214176	Bracket/Deck	(3-A)
24	YEFX0461837	Lever/Eject	(3-A)
25	YEP0PT6750Z9	PCB w/Component	RTL
31	YEJS05022	Screw, 2.6mm * 12mm	
32	YEJS06027	Screw, 3mm * 4mm	
33	YEJT03081	Tapping Screw, 2.6mm * 2.5mm	
34	YEJT03120	Tapping Screw, 3 mm * 8mm	
35	YEJT03009	Tapping Screw, 3mm * 8mm	
36	XSB26+5FX	Screw, 2.6mm * 5mm	
37	XTB3+10FFX	Tapping Screw, 3mm * 10mm	
38	XTB3+6JFX	Tapping Screw, 3mm * 6mm	
39	XTB3+6FFX	Tapping Screw, 3mm * 6mm	
41	XTB2+6GFX	Tapping Screw, 2mm * 6mm	

EXPLODED VIEW (Unit)

■ Numbers in ○ are indicated REF.NO. in the REPLACEMENT PARTS LIST



1 TAPE PLAYER PARTS

1.1. Mechanical Parts

MISCELLANEOUS

Ref. No.	Part No.	Part Name & Description	Remarks
1	YEFA011515	Chassis Ass'y	(2-D)
2	YEP0FX2384	Head Panel Ass'y	(4-B)
4	YEAHP7742CB	Head Ass'y	(4-C)
5	YEAS07161	Slide Switch	(4-C)
6	YEFX249369	Pinch Roller Arm (F) Ass'y	(3-D)
7	YEFX249370	Pinch Roller Arm (R) Ass'y	(2-C)
8	YEP0FX1895	Main Gear Plate Ass'y	(2-B)
9	YEAS07190	Power Switch	(2-D)
11	YEAX01110	K.F Coil	(1-E)
12	YEJW05104	HL Washer	(3-D)
13	YEP0FX2385	Cassette Case Ass'y	(3-F)
14	YEFX005973	P.E Spring	(3-F)
15	YEFX003703	K.F Cam Gear	(1-E)
16	YEFX218255	H.P Roller (A)	(1-C)
17	YEFX218256	H.P Roller (B)	(1-C)
18	YEFX0461699	C.H Holder	(1-C)
19	YEFX0001534	C.H Spring	(1-C)
20	YEFX0051535	Push Lever Spring	(1-D)
21	YEFX0461255	Push Lever	(1-D)
22	YEFX0461635	T.A Plate Ass'y	(1-F)
23	YEFX0051579	T.A Plate Spring	(1-F)
24	YEFX0461636	Main Plate	(3-C)
25	YEFX0051536	M.S Spring	(3-C)
26	YEFX0051537	H.S Spring	(4-C)
27	YEFX0461634	K.F Plate Ass'y	(1-E)
28	YEAK01023	Motor Ass'y	(3-E)
29	YEFX999915	Plunger	(1-E)
30	YEFX0461802	FR Actuator	(2-B)
31	YEFX0052137	FR Spring (M)	(2-B)
32	YEJW05103	HL Washer	(3-D)
33	YEFX213205	F.L Capstan Ass'y	(3-B)
34	YEFR03074	Main Belt	(3-B)
35	YEFX014068	HL Washer	(3-B)
36	YEFX0051539	P.P Spring	(2-C)
37	YEFX003510	Drive Gear	(3-D)
38	YEFX026120	Pulley	(4-D)
39	YEFX0051580	Head Panel Spring	(1-C)
40	YEFX249361	Trigger Arm	(4-D)
41	YEJS06128	Collar Screw	(4-C)
42	YEFX249371	H.P Push Arm	(2-D)
43	YEFX249363	Seesaw Working Plate	(4-D)
44	YEFX0051541	Power Switch Spring	(2-E)
45	YEFX0461803	FR Slide Plate	(3-B)
46	YEJS06129	Collar Screw	(2-B)
47	YEFX249364	HP Return Arm	(2-C)
48	YEFX0051542	T.A Spring	(4-C)
49	YEFX249424	Chrome Sensor	(1-C)
50	YEP0FX1860	FR Lever Ass'y	(4-E)
51	YEAX01105	T Coil Ass'y	(4-E)
52	YEAX01104	T Core	(4-E)
53	YEFS011008	Cushion	(4-F)
100	YEJS06174	Screw Tapping 2mm×5	(4-C)
101	YEFX014052	Snap Ring	
102	YEJT03118	Screw Tapping 2mm×3	
103	YEJE01027	E-Ring	
104	YEJS06130	Screw 2mm×3	
106	YEJE01028	E-Ring	(1-F)
107	YEJW05130	Washer	(4-C)
108	YEFX014053	Snap Ring	(3-D)
109	YEJS06131	Screw 2.6mm×4	(4-D)
110	YEJS06132	Screw 2mm×4	(4-C)
111	YEJS06133	Screw 2mm×9	(4-F)
112	YEJS06140	Screw 2.6mm×3.5	(2-D)

EXPLODED VIEW (Tape Deck)

■ Numbers in ◯ are indicated REF.No. in the REPLACEMENT PARTS LIST